# First Nations Water Rights in British Columbia

*A Historical Summary of the rights of the Nooaitch First Nation*

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# *FIRST NATIONS WATER RIGHTS IN BRITISH COLUMBIA:*

## *A Historical Summary of the rights of the Nooaitch First Nation*



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| Prepared for publication: | March, 2000 |

**Canadian Cataloguing in Publication Data**
Mogus, Daniela.
First Nations water rights in British Columbia. A historical summary of the rights of the Nooaitch First Nation

ISBN 0-7726-4238-9

1. Water rights - British Columbia - Nooaitch Grass Indian Reserve No. 9. 2. Water rights - British Columbia - Nooaitch Indian Reserve No. 10. 3. Nlaka'pamux Indians - British Columbia - Canford Region - Government relations. I. Griffith, Miranda. II. Robinson, Gary W. III. British Columbia. Water Management Branch. IV. Title. V. Title: Historical summary of the rights of the Nooaitch First Nation.

KEB529.5.W3M63 2000 346.71104'32 C00-960163-5
KF8210.W38M63 2000

# ACKNOWLEDGMENTS

The Ministry of Environment, Lands and Parks wishes to acknowledge three partners whose contributions were invaluable in the completion of the *Aboriginal Water Rights Report Series:*

The Ministry of Aboriginal Affairs, was a critical source of funding, support and direction for this project.

The U-Vic Geography Co-op Program, was instrumental in providing the staffing resources needed to undertake this challenging task. Through the services of June Whitmore and her office, the project benefited from the research, writing, editing and co-ordination of these outstanding students:

Jas Gill
Julie Steinhauer
Kelly Babcock
Daniella Mogus
Miranda Griffith
Christina Rocha
Rachel Abrams
Elizabeth Lee
Sara Cheevers

The services of Clover Point Cartographics Limited of Victoria, was responsible for the preparation of most of the map drawings, which form a valuable part of these documents.

In addition to these three key partners, I must acknowledge the valuable contributions of other Water Management staff, past and present, including Jack Farrell, Jim Mattison, Richard Penner, Diana Jolly, Greg Blaney, Gary Lucas and Kim Johnston.

The sheer numbers of First Nations groups' with histories of water rights made the completion of the Report Series seem, at times, prolonged. The determination, patience and vision of the partners was essential in the completion of the Series and is gratefully acknowledged.

Gary Robinson
Project Manager
Water Management Branch

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# FIRST NATIONS WATER RIGHTS REPORT

**BAND:** Nooaitch First Nation

**ADDRESS:** P.O. Box 6000, Merritt, B.C. V0K 2B0

**CHIEF:** Cyril Spence

**PHONE:** 455-2279 **FAX:** 455-2772

**AFFILIATION:** Fraser Canyon Tribal Administration

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## LOCATION:

The Nooaitch Band occupy 2 reserves (1693.4 hectares in total area) located near the village of Canford, between the towns of Spences Bridge and Merritt, in the southern interior of the British Columbia. Both Reserves have records of water allocations:

- Nooaitch Grass No. 9 - a 790.3-hectare Reserve, located just east of the Nicola River and east of Nooaitch No. 10.
- Nooaitch No. 10 - a 903.1-hectare Reserve, located on the Nicola River.

The most recent population figures compiled by the Ministry of Finance show the Nooaitch Band to have a total population of 175, with 133 persons living on-reserve and 42 persons living off-reserve.

Located in the Interior Plateau region of the province, the Nooaitch Band reserves are classified as occurring in the Ponderosa Pine and Interior Douglas Fir Biogeoclimatic Zones, two of the warmest and driest forest zones in B.C.. The reserves lie at elevations ranging from 1600 feet to 4200 feet above mean sea level, and experience a climate in which average daily temperatures range from lows of -5 degrees centigrade, occurring in January, to highs between 16 and 20 degrees centigrade, which occur in July. Average rainfall for the area totals less than 30 cm annually.

Water courses of significance include:

- Alcock Spring - located below Shack Spring and near the center of Nooaitch Reserve No. 10, east of the Nicola River.

- Billy Creek - a tributary of the Nicola River, which flows north and northeast through the northern tip of Nooaitch Reserve No. 10 and drains into the Nicola River.

- Nicola River - flows west from Nicola Lake, then northwest, eventually merging with the Thompson River.

- Nooaitch Creek - a tributary of the Nicola River, which flows east and passes through a southern portion of Nooaitch Reserve No. 10, before entering into the Nicola River.

- Petit Creek - a tributary of the Nicola River, which flows west and then south through Nooaitch Grass Reserve No. 9, and drains into the Nicola River.

- Roberts Creek - flows east into (and is a tributary of) Richardson Creek, which is a tributary of Spius Creek, which in turn, is a tributary of the Nicola River.

- Shack Spring - located above Alcock Spring and near the northern portion of Nooaitch Reserve No. 10, east of the Nicola River.

- Shackelly Creek - a tributary of the Nicola River, which flows southwest through the northern portion of Nooaitch Grass Reserve No. 9, through the center of Nooaitch Reserve No. 10, and drains into the Nicola River.

- an unnamed stream - described in early MOD documents as flowing "from the mountains, back from the left bank of the Lower Nicola River".

- a small, unnamed lake - located in the southwestern corner of Nooaitch Grass Reserve No. 9.

- an unnamed marsh - located near the center of Nooaitch Grass Reserve No. 9, adjacent to Petit Creek.

## WATER ALLOCATIONS:

No records of water allocations to the Nooaitch Band, made by Order-in-Council of the Lieutenant Governor-in-Council, have been discovered.

The water rights of the Nooaitch Band have been determined by four actions of government over the years:

1) Allotments by Indian Reserve Commissioners.

Following confederation, the Province and the Dominion established an Indian Reserve Commission. The Commissioners reserved lands for the Indians and facilitated the transfer of the reserved lands to the Dominion authority. In setting apart lands for reserves, the Reserve Commissioners made it their practice to allot water, appurtenant to the reserved lands. This practice was unique among Indian Reserves in Canada and the authority of these Commissioners to allot water rights has always been disputed by the Province.

A large number of allocations were made by the Indian Reserve Commission within the area around the Nicola River below Nicola Lake, where the Nooaitch Band is located. A number of these Minutes of Decision refer to water sources which cannot now be identified. Minutes of Decision pertaining to the Nooaitch Band are discussed in greater detail below.

2) Determinations of the Board of Investigation under the *Water Act, 1914* made in response to claims of the Department of Indian Affairs. Determinations often recommended the issue of water licenses.

3) The granting of water licenses in response to Federal Government applications, requesting authorization for the use of water on reserves.

4) Actions to amend, cancel or record as abandoned, licensed rights, pursuant to provisions in the *Water Act*..

## Minutes of Decision: Allocations made by the Indian Reserve Commission

The Indian Reserve Commission made a number of allocations which appear to pertain to the Nooaitch Band. Each Minute of Decision lists the amount of water allocated and often gives a brief description of the water source, with or without a name. Some of the names given and references made in the description of the water sources have lost their meaning through time. Accordingly a number of the water sources are now unidentifiable or can be only tentatively identified.

Allocations which have apparently been made to the Nooaitch Band, as described in AGBC #590454 (see Appendix 2), are:

| Date | Inches | Sources of Supply |
|---|---|---|
| *Aug 26, 1878* | *90* | *"All springs or water sources within the grass reserve about 1 1/2 miles east from the Lower Nicola River, and about 25 miles from Spences Bridge, also from the two streams which flow westerly to the Lower Nicola River, through the reserve on the right bank about twenty-three miles from Spences Bridge."*<br><br>The "grass reserve" referred to above is most likely Nooaitch Grass Reserve No. 9. Water sources within the reserve include Shackelly and Petit Creeks, as well as an unnamed marsh and a small, unnamed lake. This allocation is discussed under the histories of the specific water sources. |
| | *125* | *"From a stream flowing easterly into the Spious River about 3 1/2 miles from its junction with the Lower Nicola River."*<br><br>The water source referred to here appears to be Roberts Creek. It is unclear which specific reserve the water allocation is referring to, but it is most likely alluding to Nooaitch Reserve No. 10, as Spius Creek flows into the Lower Nicola River just south of the Reserve. The allocation is discussed in greater detail under the history of Roberts Creek. |
| | *200* | *"From the Nooaitch River and its tributaries."*<br><br>It is most probable that the water source referred to Nooaitch Creek. It is unclear to which reserve the water allocation was intended, but it is most likely that it was meant for Nooaitch Reserve No. 10; Nooaitch Creek flows through the southern portion of the reserve. This allocation is discussed under the history of Nooaitch Creek. |



* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow calculated over a 120 day irrigation season, is equivalent to 6.664 acre feet (per each miner's inch).

| | | |
|---|---|---|
| | 60 | *"From a stream flowing through the Reserve easterly to the Lower Nicola River. "* |

Again, it is unclear for which reserve the allocation was intended, but it is most likely that the allocation pertains to Nooaitch Reserve No. 10, as Billy Creek flows easterly through Nooaitch Reserve No. 10, and into the Lower Nicola River. The allocation is discussed in greater detail under the history of Billy Creek.

| | | |
|---|---|---|
| | 30 | *"From a stream in the mountains back from the left bank of the Lower Nicola River and west from Montrose's farm on its right bank. "* |

As the location of Montrose's farm cannot be traced it is difficult to conclude the intended appurtenant Reserve.

| | | |
|---|---|---|
| | 130 | *"From the Lower Nicola River."* |

The associated reserve is not specified in this allocation. It is likely that the rights were intended for Nooaitch Reserve No. 10, as the Reserve is situated along the Nicola River. The allocation is discussed in greater detail in the history of allocations on the Nicola River.

| | | |
|---|---|---|
| *Sept 5, 1878* | 225 | *"Lower Nicola River, that is Nicola River below Nicola Lake."* |

The allocation does not specify an appurtenant reserve. It is likely that the allocation was meant for Nooaitch Reserve No. 10, as the Reserve is situated along the Nicola River. More details are provided in the history of the Nicola River.



* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow calculated over a 120 day irrigation season, is equivalent to 6.664 acre feet (per each miner's inch).

## HISTORY, CURRENT STATUS AND NOTES:

The history of water rights, the current status of rights and notes for the Nooaitch Band with respect to Alcock Spring, Billy Creek, Nicola River, Nooaitch (Nuaitch) Creek, Petit Creek, Roberts Creek, Shack Spring, Shackelly Creek, an unnamed stream, an unnamed lake in Nooaitch Grass Reserve No. 9 and an unnamed marsh in Nooaitch Grass Reserve No. 9 are as follows:

### Alcock Springs

**History:**

**Jul 15, 1921** — At a final hearing of the Board of Investigation, acting pursuant to the Water Act of 1914, the Board determined that a valid water record affecting the claim of the Department of Indian Affairs to rights to the use of the waters of Shackelly Creek and an unnamed springs on Nooaitch Reserve No. 10 was made under the authority of an Act passed prior to the 12th day of March, 1909. The Order of the Board, numbered 6680, set out that a conditional license should be issued which would:

(i) provide for the diversion of water from Shackelly Creek and from unnamed springs on Nooaitch Reserve No. 10;
(ii) take precedence from the 26th day of September, 1888; and
(iii) authorize diversion of 605 acre feet per year (from April 1 to Sept 30) for irrigation of 242 acres of Nooaitch No. 10. Of this, 7,500 gallons per day, year-round must be available for domestic use.

**Mar 2, 1925** — The Comptroller of Water Rights issued Conditional Water License 7969, which embodied the terms set out in Order 6680.

**Apr 20, 1937** — Based on the extent to which the rights granted under the former license were being exercised at the time, the Comptroller of Water Rights issued Final Water License 9969 (in substitution of Conditional Water License No. 7969) to the Superintendent General of Indian Affairs on behalf of the Nooaitch Band. The license was given a date of precedence of September 26, 1888 and authorizes the diversion of 25 acre feet per year (from April 1 to Sept 30) from Shack and Alcock Springs, for irrigation on 10 acres of that part of

Nooaitch Reserve No. 10 east of Nicola River. Of the 25 acre feet, 1000 gallons per day, year-round may be for domestic use.

**Current Status:**

Final Water License 9969, registered to the Nooaitch Band, is currently the only license on Alcock Spring, and is, therefore, first in priority.

The Water Survey of Canada has no records of streamflow on Alcock Spring and there is no other current information on water availability from this source.

**Notes:**

1. The issuance of Final Water License 9969 (which substituted Conditional Water License 7969) resulted in the loss of licensed water rights for the Nooaitch Band. Final License 9969 reduced the volume allowed for irrigation and domestic uses and removed Shackelly Creek as an authorized source of water.

## Billy Creek

**History:**

**Aug 26, 1878** A Minute of Decision of the Indian Reserve Commission allocated the following for the use of the Lower Nicola Band (which the Nooaitch Band was once part of):

*"60 inches* from a stream flowing through the Reserve easterly to the Lower Nicola River".*

The water source mentioned above is believed to be Billy Creek.



* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow calculated over a 120 day irrigation season, is equivalent to 6.664 acre feet (per each miner's inch).

**Jul 15, 1921** At a final hearing of the Board of Investigation, acting pursuant to the Water Act of 1914, the Board determined that a valid water record affecting the claim of the Department of Indian Affairs to rights to the use of the waters of Nicola River, Nooaitch Creek and Billy Creek, was made under authority of an Act passed prior to the 12th day of March, 1909. The Order of the Board, numbered 6681, set out that a conditional license should be issued which would:

(i) provide for the diversion of water from Nicola River, Nooaitch Creek and Billy Creek;
(ii) take precedence from the 26th day of September, 1888; and
(iii) authorize the diversion of 1270 acre feet per year (from April 1 to September 30) for the irrigation of 508 acres of that part of Nooaitch Reserve No. 10 located on the west side of Nicola River. Of the 1270 acre feet allocated, 7,500 gallons per day, year-round is authorized for domestic use.

**Mar 2, 1925** The Comptroller of Water Rights issued Conditional Water License 7618, which embodied the terms set out in Order 6681.

**Mar 3, 1939** In accordance with an application made by A.H. Barber, Indian Agent, on behalf of the Superintendent General of Indian Affairs and the Nooaitch Band, the Comptroller of Water Rights granted an extension of time for completion of works associated with Conditional License 7618.

**Oct 9, 1942** The Comptroller of Water Rights granted an extension of time, to December 31, 1942, for completion of works associated with Conditional License 7618.

**Jan 4, 1977** In connection with Conditional Water License 7618, Permit Over Crown Lands 10785 was granted to the Nooaitch and Shackan Bands. The permit authorized the occupation of Crown Land for the construction and maintenance of works authorized under CL 7618.

**Current Status:**

Conditional Water License 7618, registered to the Nooaitch Band, is currently the only license on Billy Creek, and is therefore first in priority.

The Water Survey of Canada has no records of streamflow on Billy Creek and there is no other current information on water availability.

**Notes:**

1. The Nooaitch Band's water rights on Billy Creek, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.

2. Under current licensing practices Conditional License 7618 would be issued for irrigation and waterworks purposes. The amendment of the license to include waterworks purpose could lead to designation of the Billy Creek drainage area as a Community Watershed under provision of the Forest Practices Code.

## Nicola River

### History:

**Aug 26, 1878** — A Minute of Decision of the Indian Reserve Commission allocated the following for the use of the Lower Nicola Band (which the Nooaitch Band was once part of):

*"130 inches from the Lower Nicola River."*

It is not clear to which reserve the allocation is intended, but it is likely that it is Nooaitch Reserve No. 10.

**Sept 5, 1878** — The Minute of Decision of the Indian Reserve Commission allocated the following for the use of the Lower Nicola Band (which the Nooaitch Band was once part of):

*"225 inches from Lower Nicola River, that is Nicola River below Nicola Lake."*

It is unclear which reserve this allocation of water is pertinent to, but it is likely that it is Nooaitch Reserve No. 10.



* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow calculated over a 120 day irrigation season, is equivalent to 6.664 acre feet (per each miner's inch).

**Jul 15, 1921** At a final hearing of the Board of Investigation, acting pursuant to the Water Act of 1914, the Board determined that a valid water record affecting the claim of the Department of Indian Affairs to rights to the use of the waters of Nicola River, Nooaitch Creek and Billy Creek was made under authority of an Act passed prior to the 12th day of March, 1909. The Order of the Board, numbered 6681, set out that a conditional license should be issued which would:

(i) provide for the diversion of water from Nicola River, Nooaitch Creek and Billy Creek;
(ii) take precedence from the 26th day of September, 1888; and
(iii) authorize the diversion of a maximum of 1270 acre feet per year (from April 1 to September 30) for the irrigation of 508 acres of that part of Nooaitch Reserve No. 10 located on the west side of the Nicola River. Of the 1270 acre feet allocated, 7,500 gallons per day, year-round is authorized for domestic application.

**Mar 2, 1925** The Comptroller of Water Rights issued Conditional Water License 7618, which embodied the terms and conditions set out in Board Order 6681.

**Mar 3, 1939** In accordance with an application made by A.H. Barber, Indian Agent, on behalf of the Superintendent General of Indian Affairs and the Nooaitch Band, the Comptroller of Water Rights granted an extension of time for completion of works associated with Conditional License 7618.

**Oct 9, 1942** The Comptroller of Water Rights granted an extension of time, to December 31, 1942, for completion of works associated with Conditional License 7618.

**Dec 31, 1949** In accordance with an application made by the Director of Indian Affairs on behalf of the Nooaitch Band, the Comptroller of Water Rights issued Conditional Water License 17029. The license has a precedence date of January 17, 1946 and authorizes the diversion of 90 acre feet per year (from April 1 to September 30) from the Nicola River for irrigation purposes. The appurtenant lands are defines as: that part of Nooaitch Reserve No. 10 lying east of Nicola River, of which 30 acres may be irrigated.

**May 15, 1950** In response to an Application for Change of Works made by the Indian Commissioner for B.C., on behalf of the Nooaitch Band, the

Comptroller of Water Rights issued an Order embodying the change of works for Conditional License 17029.

**Sept 7, 1950** In accordance with an application made by the Superintendent of the Nicola Indian Agency, on behalf of the Nooaitch Band, the Comptroller of Water Rights granted an extension of time, to December 31, 1951, for the completion of works associated with Conditional License 17029.

**Mar 3, 1953** In accordance with an application made by the Superintendent of the Nicola Indian Agency, on behalf of the Nooaitch Band, the Comptroller of Water Rights granted an extension of time, to December 31, 1953, for completion of works associated with Conditional License 17029.

**Jul 19, 1954** In accordance with an application made by the Superintendent of the Nicola Indian Agency, on behalf of the Nooaitch Band, the Deputy Comptroller of Water Rights granted an extension of time, to December 31, 1956, for completion of works associated with Conditional License 17029.

**Apr 12, 1957** In accordance with an application made by the Indian Commissioner of B.C., on behalf of the Nooaitch Band, the Deputy Comptroller of Water Rights granted an extension of time, to December 31, 1958, for the completion of the works associated with Conditional License 17029.

**Jun 30, 1959** In accordance with an application made by the Indian Commissioner of B.C., on behalf of the Nooaitch Band, the Deputy Comptroller of Water Rights granted an extension of time, to December 31, 1962, for the completion of the works associated with Conditional License 17029.

**Feb 28, 1962** In accordance with an application made by the Indian Commissioner of B.C., on behalf of the Nooaitch Band, the Deputy Comptroller of Water Rights granted an extension of time, to December 31, 1963, for the completion of the works associated with Conditional License 17029.

**Apr 28, 1964** In accordance with an application made by the Superintendent of the Nicola Indian Agency, on behalf of the Nooaitch Band, the Deputy Comptroller of Water Rights granted an extension of time, to December 31, 1965, for the completion of the works associated with Conditional License 17029.

**Feb 14, 1966** In accordance with an application made by the Superintendent of the Nicola Indian Agency, on behalf of the Nooaitch Band, the Deputy Comptroller of Water Rights granted an extension of time, to December 31, 1968, for the completion of the works associated with Conditional License 17029.

With this extension, the Comptroller of Water Rights enclosed an Application for a Water License. It had been brought to his attention that the Band was using water for domestic purpose; as this was not covered under Conditional License 17029, the Comptroller recommended the Nooaitch Band apply for a Water License for domestic purposes.

**Jan 4, 1977** In connection with Conditional Water License 7618, Permit Over Crown Lands 10785 was granted to the Nooaitch and Shackan Bands. The permit authorized the occupation of Crown Land for the construction and maintenance of works.

**Apr 23, 1990** A telephone inquiry was made to the Water Resources Branch (Kamloops) by Cliff Shackelly of the Nooaitch Band, requesting information regarding the possibility of irrigating out of Nicola River just past the Spius Creek Hatchery. He referred to Conditional License 7618 as possible authorization for this irrigation.

**Apr 26, 1990** The Kamloops Regional Office replied to Mr. Shackelly's request, and left a message stating that there was a license on the Reserve, and that if the intended works were different than what was shown on Conditional License 7618, a Change of Works should be filed. The Regional Office also advised Mr. Shackelly that all new intakes should be screened to Federal fishing standards.

**Current Status:**

There are currently 94 licenses on Nicola River, two (2) of which are for the use and benefit of the Nooaitch Band. Of the licenses:

- 68 authorize the use of water exclusively for irrigation purposes;
- 9 authorize the use of water for combined domestic and irrigation purposes;
- 4 authorize the use of water for conservation - storage purposes,
- 3 authorize the use of water for stockwatering purposes,
- 2 authorize the use of water for processing purposes,
- 1 authorizes the use of water for irrigation and residential power purposes,

- 1 authorizes the use of water for storage - non-power and conservation-usage,
- 1 authorizes the use of water for irrigation and storage - non-power purposes,
- 1 authorizes the use of water for irrigation - local authorities purposes,
- 1 authorizes the use of water for storage - non power purposes,
- 1 authorizes the use of water for domestic purposes,
- 1 authorizes the use of water for mining - processing ore purposes,
- 1 authorizes the use of water for conservation - construct works purposes.

The Nooaitch Band hold Conditional Water Licenses 7618 and 17029, which are third and twenty-seventh in priority on the Nicola River.

The Water Survey of Canada has operated six (6) stations on Nicola River, at various times between 1911 and 1990. Stations' No. 08LG047 (Nicola River near Lower Nicola) and No. 08LG007 (Nicola River near Merritt) are nearest to the Nooaitch reserves.

- Station 08LG047 operated from May to July of 1955, during which it recorded a maximum daily discharge of 198 $m^3$/sec (6992 cubic feet/sec) on June 12, 1955. For this period, mean monthly discharges reached a low of 72 $m^3$/sec in July and rose to a high of 138 $m^3$/sec in June.

- Station 08LG007 operated from 1911 to 1915 and from 1957 to 1990. During these periods the station recorded a minimum daily discharge of 0.412 $m^3$/sec (14.55 cubic feet/sec) on December 12, 1913, and a maximum daily discharge of 161 $m^3$/sec (5685.55 cubic feet/sec) on June 3, 1967. Mean monthly discharges reached a low of 3.83 $m^3$/sec in September and rose to a high of 50.3 $m^3$/sec in June. The mean annual discharge for the recorded periods combined was reported as 14.87 $m^3$/sec.

**Notes:**

1. The Nooaitch Band's water rights on Nicola River, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.

2. The allotments of water authorized under Conditional License 7618 (Board Order 6681) and Conditional License 17029 are significantly less than the volumes allocated by the Indian Reserve Commission in 1881.

3. According to current licensing practices Conditional License 7618 would be issued for irrigation and waterworks purposes. The amendment of the license to include waterworks purpose could lead to designation of the Nicola River drainage area as a Community Watershed under provisions contained in the Forest Practices Code.

## Nooaitch (Nuaitch) Creek

**History:**

**Aug 26, 1878** A Minute of Decision of the Indian Reserve Commission allocated the following for the use of the Lower Nicola Band (which the Nooaitch Band was once part of):

*"200 inches from the Nooaitch River and its tributaries. "*

The appurtenant Reserve appears to be Nooaitch Reserve No. 10. The tributaries of Nooaitch Creek include Richardson and Kaskalth Creeks.

**Jul 15, 1921** At a final hearing of the Board of Investigation, acting pursuant to the Water Act of 1914, the Board determined that a valid water record affecting the claim of the Department of Indian Affairs to rights to the use of the waters of Nicola River, Nooaitch (Nuaitch) Creek and Billy Creek was made under authority of an Act passed prior to the 12th day of March, 1909. The Order of the Board, numbered 6681, set out that a conditional license should be issued which would:

(i) provide for the diversion of water from Nicola River, Nooaitch Creek and Billy Creek;
(ii) take precedence from the 26th day of September, 1888; and
(iii) authorize the diversion of a maximum of 1270 acre feet per year (from April 1 to September 30) for the irrigation of 508 acres of that part of Nooaitch Reserve No. 10 located on the west side of the Nicola River. Of the 1270 acre feet allocated, 7,500 gallons per day, year-round is authorized for domestic use.

**Mar 2, 1925** The Comptroller of Water Rights issued Conditional Water License 7618, which embodied the terms and conditions set out in Board Order 6681.



* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow calculated over a 120 day irrigation season, is equivalent to 6.664 acre feet (per each miner's inch).

**Mar 3, 1939** In accordance with an application made by A.H. Barber, Indian Agent, on behalf of the Superintendent General of Indian Affairs and the Nooaitch Band, the Comptroller of Water Rights granted an extension of time for completion of works associated with Conditional License 7618.

**Oct 9, 1942** The Comptroller of Water Rights granted an extension of time, to December 31, 1942, to accommodate the completion of the works associated with Conditional License 7618.

**Jan 4, 1977** In connection with Conditional Water License 7618, Permit Over Crown Lands 10785 was granted to the Nooaitch and Shackan Bands. The permit authorized the occupation of Crown Land for the construction and maintenance of works.

**Current Status:**

Conditional Water License 7618 is currently the only license registered on Nooaitch Creek, and is therefore first in priority; it is for the use and benefit of the Nooaitch Band.

The Water Survey of Canada has no records of streamflow on Nooaitch Creek and there is no other current information on water availability.

**Notes:**

1. The Nooaitch Band's water rights on Nooaitch Creek, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.

2. The allotment of water authorized under Conditional License 7618 (Board Order 6681) is significantly less than the quantity allotted by the Indian Reserve Commission in 1881.

3. Under current licensing practices Conditional Water License 7618 would be issued for irrigation and waterworks purpose. The amendment of the license to include waterworks purpose could lead to designation of the Nooaitch Creek drainage area as a Community Watershed under provisions contained in the Forest Practices Code.

## Petit Creek

### History:

**Aug 26, 1878** A Minute of Decision of the Indian Reserve Commission allocated the following for the use of the Lower Nicola Band (which the Nooaitch Band was once part of):

> *"90 inches from all springs or water sources within the grass reserve about 1 1/2 miles east from the Lower Nicola River, and about 25 miles from Spences Bridge, also from the two streams which flow westerly to the Lower Nicola River, through the reserve on the right bank about twenty-three miles from Spences Bridge."*

It is most likely that Nooaitch Grass Reserve No. 9 is the reserve to which this allocation of water is pertinent. Petit Creek is one of the water sources within this reserve.

**Jul 15, 1921** At a final hearing of the Board of Investigation, acting pursuant to the Water Act of 1914, the Board determined that a valid water record affecting the claim of the Department of Indian Affairs to rights to the use of the waters of Petit Creek, a tributary of the Nicola River, was made under authority of an Act passed prior to the 12th day of March, 1909. The Order of the Board, numbered 6679, set out that a conditional license should be issued which would:

(i) provide for the diversion of water from Petit Creek;
(ii) take precedence from the 26th day of September, 1888; and
(iii) authorize the diversion of a maximum of 258 acre feet per year (from April 1 to September 30) for irrigation of 86 acres of Nooaitch Grass Reserve No. 9. Of the 258 acre feet allocated, 3,000 gallons per day, year-round is authorized for domestic use.

**Mar 2, 1925** The Comptroller of Water Rights issued Conditional Water License 7968, which embodied the terms and conditions set out in Order 6679.

**Aug 20, 1934** Based on the extent to which the rights granted under the former license were being exercised at the time, the Comptroller of Water



* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow calculated over a 120 day irrigation season, is equivalent to 6.664 acre feet (per each miner's inch).

Rights issued Final Water License 8934 (in substitution of Conditional Water License No. 7968) to the Superintendent General of Indian Affairs on behalf of the Nooaitch Band. The license was given a precedence date of September 26, 1888 and authorized the diversion of 1000 gallons per day, year-round from Petit Creek, for domestic (stockwatering) purpose on Nooaitch Grass Reserve No. 9.

**Apr 20, 1937** Based on the extent to which the rights granted under the former license were being exercised at the time, the Comptroller of Water Rights issued Final Water License 15572 (in substitution of Conditional Water License No. 16949) to the Director of Indian Affairs on behalf of the Nooaitch Band. The license was given a date of precedence of September 19, 1945 and authorized the diversion of 25 acre feet per year (from April 1 to September 30) from Shackelly and Petit Creeks, for irrigation purposes on 12.5 acres of Nooaitch Grass Reserve No. 9.

**Current Status:**

There are currently three (3) licenses on Petit Creek, two (2) of which are for the use and benefit of the Nooaitch Band. Of the licenses:

- 2 authorize the use of water for irrigation purposes, for a total of 28.6 acre feet per year (from April 1 to September 30).
- 1 authorizes the use of water for domestic purpose, for 1,000 gallons per day, year-round.

The Nooaitch Band hold Final Water Licenses 8934 and 15572, which are first and second in priority on Petit Creek.

The Water Survey of Canada has no records of streamflow on Petit Creek and there is no other current information on water availability.



* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow calculated over a 120 day irrigation season, is equivalent to 6.664 acre feet (per each miner's inch).

**Notes:**

1. The Nooaitch Band's water rights on Petit Creek, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.

2. The allotments of water authorized under Conditional License 7968 (Board Order 6679) and Final License 8934 are significantly less than the amount of water allotted by the Indian Reserve Commission.

3. The issue of Final Water License 8934 (which substituted Conditional Water License 7968) resulted in the loss of licensed water rights for the Nooaitch Band, by reducing the volume of water for domestic use and removing an allocation in support of irrigation purposes.

## Roberts Creek

**History:**

**Aug 26, 1878** A Minute of Decision of the Indian Reserve Commission allocated the following for the use of the Lower Nicola Band (which the Nooaitch Band was once part of):

> *"125 inches from a stream flowing easterly into the Spious River about 3 1/2 miles from its junction with the Lower Nicola River".*

The stream mentioned above is believed to be Roberts Creek. The allocation is appurtenant to Nooaitch Reserve No. 10.

**Jun 20, 1923** At a final hearing of the Board of Investigation, acting pursuant to the Water Act of 1914, the Board determined that a valid water record affecting the claim of the Department of Indian Affairs to rights to the use of the waters of Roberts Creek, a tributary of Richardson Creek, was made under authority of an Act passed prior to the 12th day of March, 1909. The Order of the Board, numbered 4486, set out that a conditional license should be issued which would:

(i) provide for the diversion of water from Roberts Creek;
(ii) take precedence from the 26th day of September, 1888; and
(iii) authorize the diversion of a maximum of 507 acre feet per year (from April 1 to September 30) for irrigation of 203 acres of Nooaitch Reserve No. 10. Of the 507 acre feet allocated, 7,500 gallons per day, year-round is authorized for domestic use.

**Sept 17, 1923** The Comptroller of Water Rights issued Conditional Water License 7101, which embodied the terms set out in Order 4486.

**Apr 20, 1937** Based on the extent to which the rights granted under the former license were being exercised at the time, the Comptroller of Water Rights issued Final License 9968 (in substitution of Conditional License No. 7101) to the Superintendent General of Indian Affairs on behalf of the Nooaitch Band. The license was given a precedence date of September 26, 1888 and authorizes the diversion of 175 acre feet per year (from April 1 to September 30) from Roberts Creek, for the irrigation of 70 acres of the southern portion of Nooaitch Reserve No. 10. Of the authorized volume, 2,000 gallons per day is available throughout the year for domestic application.

**May 3, 1972** A letter was sent to the Water Rights Branch (Kamloops) by the Comptroller of Water Rights, stating that in regards to Final Water License 9968, Roberts Creek was now named James Creek.

**Jul 24, 1972** The Water Rights Branch (Kamloops) replied to the above letter, inquiring under what authority the name of the creek was changed.

**Sept 18, 1972** In connection with Final Water License 9968, Permit Over Crown Land 8688 was granted to the Nooaitch Band. The permit authorized the occupation of Crown Land (in the vicinity of James Creek) for the construction and maintenance of works.

**Sept 18, 1972** The Comptroller of Water Rights issued an Order under Section 15 of the *Water Act*, amending Final License 9968 to read "the source of water supply is James Creek".

**Sept 12, 1973** Having discovered that Roberts Creek had been renamed James Creek in error, the Comptroller of Water Rights issued an Order under Section 15 of the *Water Act*, amending Final License 9968 to read "the source of water supply is Roberts Creek".

**Mar 8, 1979** The Deputy Minister of Environment issued Permit Over Crown Land 11891 (in substitution of Permit 8688) to the Nooaitch Band. The Permit authorized the occupation of Crown Land (in the vicinity of Roberts Creek) for the construction and maintenance of works.

**Mar 8, 1979** In accordance with an Application for Change of Works made by the Nooaitch Band, the Comptroller of Water Rights issued an Order embodying the requested change of works for Final License 9968.

**Apr 11, 1979** A letter was received by the Water Rights Branch (Victoria) from the Union of B.C. Indian Chiefs, stating that the Nooaitch Band was concerned about the water available for use on Nooaitch No. 10, as the amount of water authorized for use under Conditional License 7101 had been significantly reduced when Final License 9968 was issued in substitution. The Band also expressed concern about third party usage on Capp Spring (Conditional License 45913).

**Oct 4, 1984** A letter was received by the Comptroller of Water Rights from the Nooaitch Band, requesting that Conditional License 45913 (on Capp Spring) be nullified.

**Mar 11, 1985** In response to the above letter, a field investigation was carried out on Capp Spring and Roberts Creek. Subsequent to this investigation, the Deputy Comptroller of Water Rights informed the Nooaitch Band of the following:

a) As Conditional License 45913 did not interfere with the Band's source of water supply from Roberts Creek, the Band's request for the nullification of Conditional License 45913 was denied.

**Current Status:**

There are currently seven (7) licenses on Roberts Creek, one (1) of which is for the use and benefit of the Nooaitch Band. Of the licenses:

- 4 authorize the use of water for irrigation purposes, for a total of 28 acre feet per year (from April 1 to September 30).
- 3 authorize the use of water for combined domestic and irrigation purpose, for 3,000 gallons per day, year-round for domestic use, and 213.2 acre feet per year (from April 1 to September 30) for irrigation.

The Nooaitch Band holds Final Water License 9968, which is first in priority on Roberts Creek.

The Water Survey of Canada operated station 08GA047 on Roberts Creek from 1960 to 1990. During this period, the station recorded a minimum daily discharge of 0.024 $m^3$/sec on July 9, 1968, and a maximum daily discharge of 31.1 $m^3$/sec on January 29, 1965. Mean monthly discharges for the period recorded reached a low of 0.253 $m^3$/sec in July and then rose to a high of 1.92 $m^3$/sec in December.

**Notes:**

1. The Nooaitch Band's water rights on Roberts Creek, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.

2. The issue of Final Water License 9968 (which substituted Conditional Water License 7101) resulted in the loss of licensed water rights for the Nooaitch Band, as it reduced the volumes of water allocated for irrigation and domestic uses.

## Shack Spring

**History:**

**Jul 15, 1921** At a final hearing of the Board of Investigation, acting pursuant to the Water Act of 1914, the Board determined that a valid water record affecting the claim of the Department of Indian Affairs to rights to the use of the waters of Shackelly Creek and unnamed springs on Nooaitch Reserve No. 10 was made under authority of an Act passed prior to the 12th day of March, 1909. The Order of the Board, numbered 6680, set out that a conditional license should be issued which would:

(i) provide for the diversion of water from Shackelly Creek and from unnamed springs on Nooaitch Reserve No. 10 (formerly Lower Nicola Reserve No. 10);
(ii) take precedence from the 26th day of September, 1888; and
(iii) authorize the diversion of a maximum of 605 acre feet per year (from April 1 to September 30) for irrigation of 242 acres of Nooaitch Reserve No. 10. Of the 605 acre feet allocated, 7,500 gallons per day, year-round is authorized for domestic use.

**Mar 2, 1925** The Comptroller of Water Rights issued Conditional Water License 7969, which embodied the terms set out in Order 6680.

**Apr 20, 1937** Based on the extent to which the rights granted under the former license were being exercised at the time, the Comptroller of Water Rights issued Final Water License 9969 (in substitution of Conditional Water License No. 7969) to the Superintendent General of Indian Affairs, on behalf of the Nooaitch Band. The license was given a date of precedence of September 26, 1888 and authorizes the diversion of 25 acre feet per year from Shack and Alcock Springs, for irrigation purposes on 10 acres of that part of Nooaitch Reserve No. 10 located east of the Nicola River. Of the authorized volume, 1000 gallons per day, year-round is available for domestic applications.

**Current Status:**

Final Water License 9969 is currently the only license on Shack Spring, and is therefore first in priority; it is registered for the use and benefit of the Nooaitch Band.

Water Survey of Canada has no records of streamflow on Shack Spring and there is no other current information on water availability.

**Notes:**

1. The issuance of Final Water License 9969 (which substituted Conditional Water License 7969) resulted in the loss of licensed water rights for the Nooaitch Band, as it reduced the volume allowed for irrigation and domestic uses and removed Shackelly Creek as an authorized source of water.

## Shackelly Creek

### History:

**Aug 26, 1878** A Minute of Decision of the Indian Reserve Commission allocated the following for the use of the Lower Nicola Band (which the Nooaitch Band was once part of):

> *"90 inches from all springs or water sources within the grass reserve about 1 1/2 miles east from the Lower Nicola River, and about 25 miles from Spences Bridge, also from the two streams which flow westerly to the Lower Nicola River, through the reserve on the right bank about twenty-three miles from Spences Bridge."*

It is most likely that Nooaitch Grass Reserve No. 9 is the intended appurtenant reserve. Shackelly Creek is one of the water sources within this reserve.

**Jul 15, 1921** At a final hearing of the Board of Investigation, acting pursuant to the Water Act of 1914, the Board determined that a valid water record affecting the claim of the Department of Indian Affairs to rights to the use of the waters of Shackelly Creek and unnamed springs on Nooaitch Reserve No. 10 was made under authority of an Act passed prior to the 12th day of March, 1909. The Order of the Board, numbered 6680, set out that a conditional license should be issued which would:

(i) provide for the diversion of water from Shackelly Creek and from unnamed springs on Nooaitch Reserve No. 10 (formerly Lower Nicola Reserve No. 10);
(ii) take precedence from the 26th day of September, 1888; and
(iii) authorize the diversion of a maximum of 605 acre feet per year (from April 1 to September 30) for the irrigation of 242 acres of Nooaitch Reserve No. 10. Of the 605 acre feet allocated, 7,500 gallons per day, year-round is authorized for domestic application.

**Mar 2, 1925** The Comptroller of Water Rights issued Conditional Water License 7969, which embodied the terms set out in Order 6680.



* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow calculated over a 120 day irrigation season, is equivalent to 6.664 acre feet (per each miner's inch).

**Apr 20, 1937** Based on the extent to which the rights granted under the former license were being exercised, the Comptroller of Water Rights issued Final Water License 9969 (in substitution of Conditional Water License No. 7969) to the Superintendent General of Indian Affairs, on behalf of the Nooaitch Band. The license was given a date of precedence of September 26, 1888 and authorized the diversion of 25 acre feet per year (from April 1 to September 30) from Shack and Alcock Springs. The license is appurtenant to that part of Nooaitch Reserve No. 10 located east of the Nicola River, of which, 10 acres may be irrigated. Of the 25 acre feet authorized for use, 1000 gallons per day, year-round be utilized for domestic purposes.

**Feb 1, 1946** In accordance with an application made by the Director General of Indian Affairs, on behalf of the Nooaitch Band, the Comptroller of Water Rights issued Conditional Water License 16949. The license was given a date of precedence of September 19, 1945 and authorized the diversion of 25 acre feet per year (from April 1 to September 30) from Shackelly Creek, for irrigation purposes on 15 acres of Nooaitch Grass Reserve No. 9.

**Apr 20, 1937** In response to an application submitted by the Superintendent of Indian Affairs, Merritt Branch, on behalf of the Nooaitch Band, the Comptroller of Water Rights issued Final Water License 15572, in substitution of Conditional Water License No. 16949. Final License 15572 was assigned a precedence date of September 19, 1945 and authorizes the diversion of 25 acre feet per year (from April 1 to September 30) from Shackelly and Petit Creeks, for irrigation on 12.5 acres of Nooaitch Grass Reserve No. 9.

**Current Status:**

There are currently two (2) licenses on Shackelly Creek, one (1) of which is for the use and benefit of the Nooaitch Band. Both licenses authorize the use of water for irrigation purposes from April 1 to September 30 , for a total of 28.6 acre feet per year.

The Nooaitch Band holds Final Water License 15572, which is first in priority on Shackelly Creek.

The Water Survey of Canada has no records of streamflow on Shackelly Creek and there is no other current information on water availability.

**Notes:**

1. The Nooaitch Bands' water rights on Shackelly Creek, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.

2. The allotment of water under Conditional License 7969 appears to be consistent with the allotment made by the Indian Reserve Commission. However, the allotment under current license (Final License 9969) is significantly less than that made by the Indian Reserve Commission.

3. The issuance of Final Water License 9969 (which substituted Conditional Water License 7969) resulted in the loss of licensed water rights for the Nooaitch Band, as it removed Shackelly Creek as an authorized water source.

## An unnamed stream

**History:**

**Aug 26, 1878** A Minute of Decision of the Indian Reserve Commission allocated the following for the use of the Lower Nicola Band (which the Nooaitch Band was once part of):

> *"30 inches from a stream in the mountains back from the left bank of the Lower Nicola River and west from Montrose's farm on its right bank. "*

It is unclear to which water source the allocation is referring, as the location of Montrose's farm cannot be traced.

**Notes:**

1. The location of the water source specified in the allocation described above cannot be determined by the description provided.

2. The Nooaitch Band's water rights on the stream described above, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.



* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow calculated over a 120 day irrigation season, is equivalent to 6.664 acre feet (per each miner's inch).

## A small, unnamed lake

**History:**

**Aug 26, 1878** A Minute of Decision of the Indian Reserve Commission allocated the following for the use of the Lower Nicola Band (which the Nooaitch Band was once part of):

> *"90 inches from all springs or water sources within the grass reserve about 1 1/2 miles east from the Lower Nicola River, and about 25 miles from Spences Bridge, also from the two streams which flow westerly to the Lower Nicola River, through the reserve on the right bank about twenty-three miles from Spences Bridge."*

It is most likely that Nooaitch Grass Reserve No. 9 is the reserve to which this allocation of water is pertinent. An unnamed lake is located in the Nooaitch Grass Reserve No. 9.

**Notes:**

1. The Nooaitch Bands' water rights on the unnamed lake located in Nooaitch Grass reserve No. 9, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.



* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow calculated over a 120 day irrigation season, is equivalent to 6.664 acre feet (per each miner's inch).

## An unnamed marsh

**History:**

**Aug 26, 1878** A Minute of Decision of the Indian Reserve Commission allocated the following for the use of the Lower Nicola Band (which the Nooaitch Band was once part of):

> *"90 inches from all springs or water sources within the grass reserve about 1 1/2 miles east from the Lower Nicola River, and about 25 miles from Spences Bridge, also from the two streams which flow westerly to the Lower Nicola River, through the reserve on the right bank about twenty-three miles from Spences Bridge."*

Nooaitch Grass Reserve No. 9 is most likely the intended appurtenant land. An unnamed marsh is located in Nooaitch Grass Reserve No. 9.

**Notes:**

1. The Nooaitch Bands' water rights on the unnamed marsh located in Nooaitch Grass Reserve No. 9, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.

# OTHER INFORMATION:

## Additional Water Records:

The *Schedule of Indian Reserves in the Dominion, 1913,* is a document published by the federal government, recording each Band's water allocations up to 1913. It is believed that these records are a compilation of Minute of Decisions, Order-in-Councils, and perhaps other documents, but as original copies of these documents are unavailable, the dates and information cannot be verified.

Allocations in the *Schedule of Indian Reserves in the Dominion* for the benefit of the Nooaitch Band which are inconsistent with our findings are:



* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow calculated over a 120 day irrigation season, is equivalent to 6.664 acre feet (per each miner's inch).

| Reserve | Water Allocation |
|---|---|
| *Nooaitch No. 10* | *50 inches of water from Nicola river with all the water from a stream running through the reserve. Allotted by Commissioner Sproat, Aug 26, 1878.* |
| | The unnamed stream mentioned above could possibly be Billy Creek, Nooaitch Creek or Shackelly Creek. |

## Regional Information:

A visit to the Kamloops Water Resources Branch Office was made by staff in November, 1995. Information on file at the Kamloops Branch office indicates that certain water allocations were made, through Minutes of Decision or Order-in-Councils, for the use and benefit of the Nooaitch Band on Nooaitch Reserve No. 10. However, as original copies of these documents are unavailable, the information cannot be verified. The allocations are as follows:

| Date | Allocation |
|---|---|
| *Sept 5, 1878* | *"325 inches of water from Nicola River where required. "* |
| | *"All the spare water from Hunahu-auih."* |
| | *"All water from all springs and other sources of water supply on the Reserve. "* |
| *Aug 26, 1878* | *"50 inches of water from Nicola River."* |
| | *"All the water from a stream running through the Reserve."* |

## Groundwater Records:

A review of well records maintained by the MELP - Groundwater Section found that one (1) well has been reported on Nooaitch Grass Reserve No. 9. The extent to which the well is currently utilized is unknown. Further details have been appended to the report.

As provision well information to the Groundwater Section is voluntary, this review should not be assumed to be complete.



* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow calculated over a 120 day irrigation season, is equivalent to 6.664 acre feet (per each miner's inch).

## Municipal Water Sources:

Presently, the potential for water supply from a municipal system is limited, as there are no municipal water systems in reasonable proximity to the Nooaitch Reserves.

## Summary of Water Records

# Nooaitch First Nations

| Water Source | Priority Date | Reserve Name | File No. | Document Type | Status | Superceded By | Licence PUC/MOD & OIC Allotments | Comments |
|---|---|---|---|---|---|---|---|---|
| Alcock Springs | 1888/09/26 | Nooaitch #10 | | CL 7969 | Superceded | FL 9969 | 605 AF/Irrigation, 7 500 GAD/Domestic | |
| Alcock Springs | 1888/09/26 | Nooaitch #10 | 241037 | FL 9969 | Current | | 25 AF/Irrigation, 1 000 GAD/Domestic | **Source**: specified as *Alcock and Shack Springs* ". CL 7969: **Priority 1** - Alcock Springs. |
| Billy Creek | 1888/09/26 | Nooaitch #10 | | MOD | | | *" **60 inches** from a stream flowing through the reserve easterly to the Lower Nicola River".* | **Water Source**: As described in the MOD the source is believed to be "Billy Creek". Water allotments from **Indian Reserve Commissioners** not formally recognized by Province. |

| Water Source | Priority Date | Reserve Name | File No. | Document Type | Status | Superceded By | Licence PUC/MOD & OIC Allotments | Comments |
|---|---|---|---|---|---|---|---|---|
| Billy Creek | 1888/09/26 | Nooaitch #10 | 241036 | CL 7618 | Current | | 7 500 GAD/Domestic, 1 270 AF/Irrigation | Based on: **Board Order 6681. Priority 1** - Billy Creek. Potential designation: "**Community watershed**"; requires amendment - purpose - "waterworks". Additional Water Sources specified: Nooaitch Cr. and Nicola River. |
| Nicola River | 1888/09/26 | Nooaitch #10 | | MOD | | | *" **130 inches** from the Lower Nicola River".* | MOD Documents: Do not specify "**Nooaitch Reserve 10**" but it appears from descriptions that this is the intended appurtenancy. Water allotments made by the **Indian Reserve Commissioners** have not been formally recognized by Province |
| Nicola River | 1878/09/05 | | | MOD | | | *" **225 inches** of water from Lower Nicola River, that is Nicola River below Nicola Lake" .* (AGBC # 590454) | Water allotments from **Indian Reserve Commissioners** NOT formally recognized by Province. |

| Water Source | Priority Date | Reserve Name | File No. | Document Type | Status | Superceded By | Licence PUC/MOD & OIC Allotments | Comments |
|---|---|---|---|---|---|---|---|---|
| Nicola River | 1888/09/26 | Nooaitch #10 | 241036 | CL 7618 | Current | | 7 500 GAD/Domestic, 1 270 AF/Irrigation | Based on: **Board Order 6681.** Potential designation: **"Community watershed"**; requires amendment - purpose - "waterworks". Additional Water Sources specified: Nooaitch Cr. and Billy Cr. **Priority 3** - Nicola River. |
| Nicola River | 1946/01/17 | Nooaitch #10 | 159188 | CL 17029 | Current | | 90 AF/Irrigation | Cl 17029: **Priority 27** - Nicola River. |
| Nooaitch River | 1878/08/26 | | | MOD | | | *" 200 inches from the Nooaitch River ands its tributaries"* (AGBC # 590454) | Additional Water Sources specified: Nicola River and Billy Cr. Water allotments from **Indian Reserve Commissioners** NOT formally recognized by Province. |
| Nooaitch River | 1888/09/26 | Nooaitch #10 | 241036 | CL 7618 | Current | | 7 500 GAD/Domestic, 1 270 AF/Irrigation | Based on: **Board Order 6681.** Potential designation: **"Community watershed"**; requires amendment - purpose - "waterworks". Additional Water Sources specified: Nicola River and Billy Cr. **Priority 1** - Nooaitch Creek. |

| Water Source | Priority Date | Reserve Name | File No. | Document Type | Status | Superceded By | Licence PUC/MOD & OIC Allotments | Comments |
|---|---|---|---|---|---|---|---|---|
| Petit Creek | 1878/08/26 | | | MOD | | | *" 90 inches of water from all springs or water sources within the grass reserve about 1.5 miles east from the Lower Nicola River..."* (AGBC # 590454). | MOD Documents: Indicate **Nooaitch Reserve No. 1** is the reserve in question. **Petit Creek** is one of the water sources within the reserve. Water allotments from the **Indian Reserve Commission** - NOT formally recognized by Province. |
| Petit Creek | 1888/09/26 | Nooaitch Grass #9 | 241038 | CL 7968 | Superceded | FL 8934 | 258 AF/Irrigation, 1 000 GAD/Domestic | Embodied terms and conditions as specified in **Board Order 6679**. |
| Petit Creek | 1888/09/26 | Nooaitch Grass #9 | 241038 | FL 8934 | Current | | 1 000 GAD/Domestic (Stockwatering) | |
| Petit Creek, Shackelly Creek | 1945/09/19 | Nooaitch Grass #9 | 157734 | CL 16949 | Superceded | FL 15572 | 25 AF/Irrigation | |
| Petit Creek, Shackelly Creek | 1945/09/19 | Nooaitch Grass #9 | 157734 | FL 15572 | Current | | 25 AF/Irrigation | Water Source: Specified as **"Shackelly AND Petit Creeks"**. CL 15572: **Priority 2 - Petit Creek.** |

| Water Source | Priority Date | Reserve Name | File No. | Document Type | Status | Superceded By | Licence PUC/MOD & OIC Allotments | Comments |
|---|---|---|---|---|---|---|---|---|
| Roberts Creek | 1878/08/26 | | | MOD | | | *" 125 inches from a stream flowing easterly into the Spious River about 3.5 miles from its junction with the Lower Nicola River"* (AGBC # 590454) | Water Source: From documentation appears to be **"Roberts Creek"**. Appurtenant Lands: **Nooaitch Reserve No. 10.** Water allotments from **Indian Reserve Commissioners** - not formally recognized by Province. |
| Roberts Creek | 1888/09/26 | Nooaitch #10 | 4486 | CL 7101 | Superceded | FL 9968 | 7 500 GAD/Domestic, 507 AF/Irrigation | CL 7101: Embodied terms and conditions of **Board Order 4486.** |
| Roberts Creek | 1888/09/26 | Nooaitch #10 | 241035 | FL 9968 | Current | | 2 000 GAD/Domestic, 175 AF/Irrigation | |
| Shack Springs | 1888/09/26 | Nooaitch #10 | | CL 7969 | Superceded | FL 9969 | 605 AF/Irrigation, 7 500 GAD/Domestic | |
| Shack Springs | 1888/09/26 | Nooaitch #10 | 241037 | FL 9969 | Current | | 25 AF/Irrigation, 1 000 GAD/Domestic | Water Source: specified as *Alcock and Shack Springs "*. CL 7969: **Priority 1** - Shack Springs. |

| Water Source | Priority Date | Reserve Name | File No. | Document Type | Status | Superceded By | Licence PUC/MOD & OIC Allotments | Comments |
|---|---|---|---|---|---|---|---|---|
| Shackelly Creek | 1878/08/26 | | | MOD | | | *" 90 inches of water from all springs or water sources within the grass reserve about 1.5 miles east from the Lower Nicola River..."* (AGBC # 590454). | Water Source: **Shackelly Creek** is located in Nooaitch Grass Reserve 9; From MOD documentation - appears that Nooaitch 9 is the reserve described. Water allotments from **Indian Reserve Commission** - NOT formally recognized by Province. |
| Shackelly Creek | 1888/09/26 | Nooaitch #10 | | CL 7969 | Superceded | FL 9969 | 605 AF/Irrigation, 7 500 GAD/Domestic | Water Source: Specified as **"Shackelly Creek and unnamed springs on Lower Nicola 10"**; From description appears unnamed springs is **"Shack Spring"**. |
| **Shackelly Creek** | **1945/09/19** | **Nooaitch Grass #9** | **157734** | **CL 16949** | **Superceded** | | **25 AF/Irrigation** | |
| **Shackelly Creek** | **1945/09/19** | **Nooaitch Grass #9** | **157734** | **FL 15572** | | | **25 AF/Irrigation** | Water Source: **Specified as "Shackelly AND Petit Creeks".** FL15572: **Priority 1 - Shackelly Creek.** |

| Water Source | Priority Date | Reserve Name | File No. | Document Type | Status | Superceded By | Licence PUC/MOD & OIC Allotments | Comments |
|---|---|---|---|---|---|---|---|---|
| Unnamed Stream | 1878/08/26 | | | MOD | | | *" 30 inches of water from a stream in the mountains back from the left bank of the Lower Nicola River and West from Montrose's farm on its right bank".* (AGBC # 590454) | Water Source: Unknown; the location of "**Montrose's Farm**" cannot be traced. Water Allotments made by the **Indian Reserve Commission** - NOT formally recognized by Province. |
| Unnamed Lake | 1878/08/26 | | | MOD | | | *" 90 inches from all springs or water sources within The Grass Reserve about 1.5 miles east from the Lower Nicola River"* | Appurtenant Lands: From MOD description appears to be "**Nooaitch Reserve No. 9**"; a small unnamed lake is located on Nooaitch No.9. Water Allotments made by the **Indian Reserve Commission** - NOT formally recognized by Province. |
| Unnamed Marsh | 1878/08/26 | | | MOD | | | *" 90 inches from all springs or water sources within the Grass Reserve about 1.5 miles east from the Lower Nicola River"* | Appurtenant Lands: From MOD description appears to be "**Nooaitch Reserve No. 9**"; a small unnamed marsh is located on Nooaitch No.9. Water Allotments made by the **Indian Reserve Commission** - NOT formally recognized by Province. |

LEGEND:

**Licence Types (Document Types)**
CL: Conditional Licence
FL: Final Licence

**Mechanisms for Allocation (Document Type)**
OIC: Order-in-Council (as issued by the Luitenant Governor in Council)
MOD: Minute of Decision (as recorded under the Indian Reserve Commission)
IRC: Indian Reserve Commission
AGBC: Attorney Generals Office of BC (followed by File #)

**Allotment Units (Licence PUC/MOD & OIC Allotments)**
GAD: Gallons a day
AF: Acre feet
CFS: Cubic feet per second

# Crown Viola Application

(From the Ofunato, down the Viola)

| Number | Source of Authority |
|---|---|
| 120 | From a stream about a mile east from the source below the junction of the Viola and Ofunato River, and east of the latter) running westerly to the lower Viola River, also from two small watercourses flowing from the south of the reserve, also from all water sources within the reserve. |
| 60 | From all springs or water sources within the grass reserve about 1½ miles east from the lower Viola River, and about 25 miles from Ofunato Bridge, also from the two |

23rd July 1874

26th Sept. 1874

Branches Streams of Authority.

Streams which flow westerly to the lower Nicola River, through the reserve on the right bank about twenty three miles from Spences Bridge.

26th Aug. 1875 12.5 From a stream flowing easterly into the Spences River about 3½ miles from its junction with the lower Nicola River

26th Aug. 1875 200 From the Nicomitch River and its tributaries.

26th Aug. 1875 60 From a stream flowing

Inches Streams of Territory

through the streams easterly to the Lower Nicola River.

26th Cong. 1st Sess.

130 From a stream in the mountains back from the left hand of the Lower Nicola River and west from Monument's fence on the right hand.

26th Cong. 1st Sess.

250 From the Kaseelqua stream which flows through the meadows south westerly into the Lower Nicola River and from a tributary of the Kaseelqua stream immediately east of the Kaseelqua Meadows, and from all springs, and watercourses within the Meadows.

(IGNORED HIGHLIGHTED)

| | Inches | Sources of Supply. |
|---|---|---|
| 26th Aug. 1874 | 130 | From the Lower Nicola River. |
| 20th Aug. 1874 | 75 | From Hamilton stream which flows into the Lower Nicola River nearly opposite the Potato Gardens. |
| 20th Aug. 1874 | 20 | From a stream flowing into the Lower Nicola River near the lower ends of Mr. John Tunbull's farm. |
| 20th Aug. 1874 | 20 | From a watercourse which leads from the west of the Reserve, and from through the Reserve which is about 11 miles from Spence's Bridge up the Lower Nicola River. |

ATTN: JOHN 3.

## Snowm. Nicola Barbinis

(Nimesisthum tribe)

| Inches | Streams of Shuswap. |
|---|---|
| 8100 | Mammoth Stream. |
| 225 | Snowm. Nicola River, that is Nicola River below Nicola Lake |
| 200 | Talking Water, streams called Chapperton's Ranch. |
| 20 | Little mountain stream known as Jacques's Ranch flowing towards the Nicola. |
| 10 | Hamilton's or McDonald's Ranch. |

5 Sept 1875

5 Sept 1875

10 Sept 1875

11 Sept 1875

12 Sept 1875

CL 7101

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

## CONDITIONAL WATER LICENCE.

(For a Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 4486, a duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to the Nooaitch Indian Reserve (No.10 Lower Nicola).

Made and entered this 9th day of December, 1921.

E. S. Cleveland
*Comptroller of Water Rights.*

No. 7101

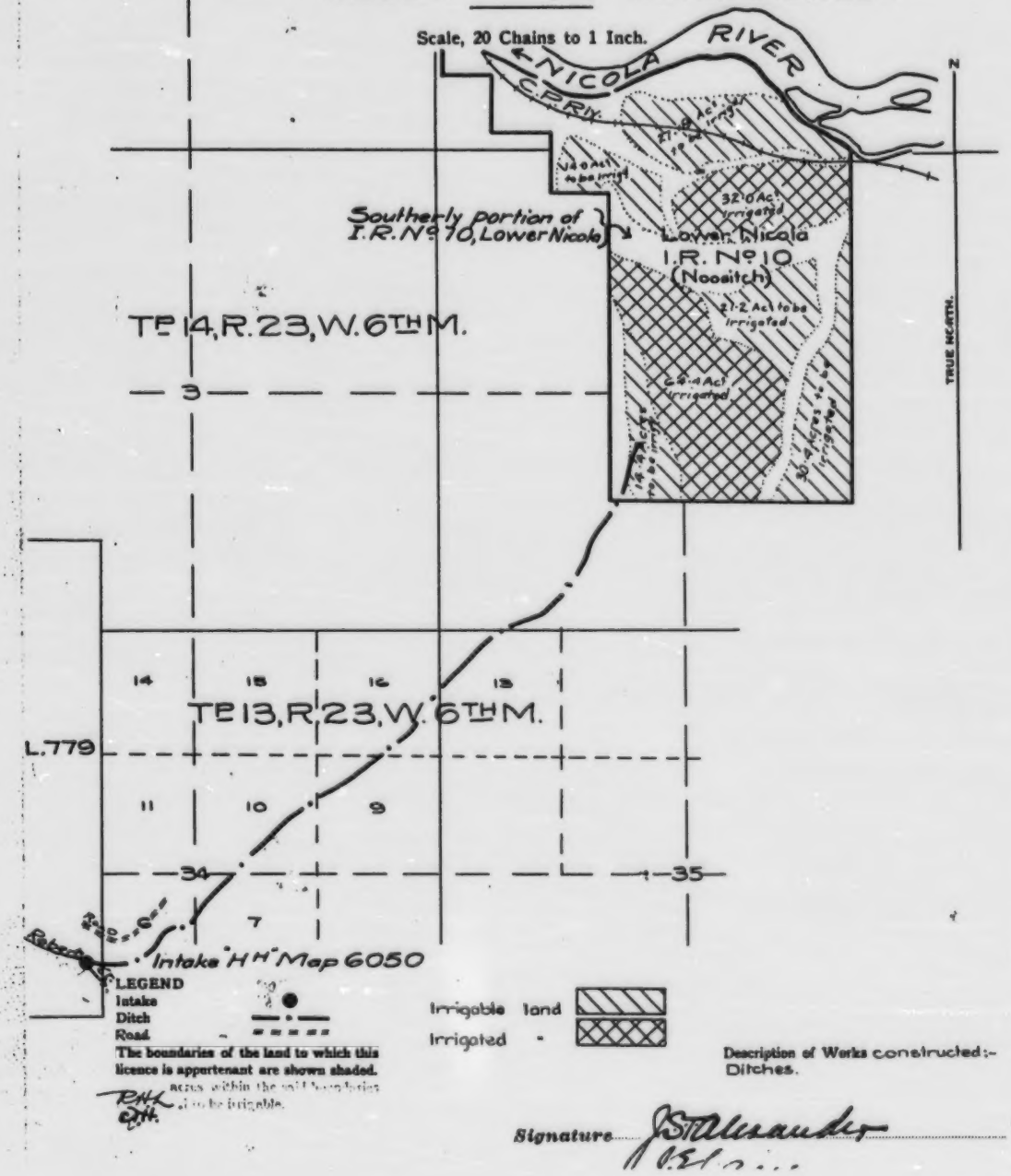
Form No. 1006, W.R.B. (Licence in respect of Board Order)—1,500-12-21—5397.

# British Columbia

To accompany Board Order No. 4486

## NICOLA WATER DISTRICT.

Scale, 20 Chains to 1 Inch.


NICOLA RIVER
C.P.R.
Southerly portion of I.R. No 10, Lower Nicola
Lower Nicola I.R. No 10 (Noositch)
32.0 Ac Irrigated
21.2 Ac to be Irrigated
64.4 Ac Irrigated
TP 14, R. 23, W. 6TH M.
TP 13, R. 23, W. 6TH M.
L.779
Intake "H" Map 6050
TRUE NORTH.

**LEGEND**

Intake

Ditch

Road

Irrigable land

Irrigated

**The boundaries of the land to which this licence is appurtenant are shown shaded.**

acres within the said boundaries are to be irrigable.

Description of Works constructed:- Ditches.

Signature J. Stalexander

CL 7101

PROVINCE OF BRITISH COLUMBIA. | WATER RIGHTS BRANCH. | DEPARTMENT OF LANDS.

# DETERMINATION AND ORDER.

(FOR A CONDITIONAL WATER LICENCE FOR IRRIGATION PURPOSES.)

BY THE BOARD OF INVESTIGATION
UNDER THE "WATER ACT, 1914."

In the Matter of the Claims of the Department of Indian Affairs to Rights to the Use of the Waters

of Roberts Creek,

in the neighbourhood of Merritt, B.C., in the

Nicola Water District.

NOW, on the 20th day of June, 1923, the above-entitled matter coming on regularly for final hearing before the Board of Investigation; due notice having been given of the time and place of hearing; all and every the steps required under the Act to be taken by the Board before a determination of the said rights and claims should be made having been taken; all evidence, testimony, and proofs filed with the Board or presented in the above-entitled matter having been duly considered; a quorum of the Board being present at the hearing; and the Board being now fully advised in the premises, determines with respect to the said claims (which are on file and designated as Indian File No. 19-6-1,

1. THAT a valid water record affecting the said claim was made under the authority of an Act passed prior to the 12th day of March, 1909, and that, under the said water record, the Lower Nicola tribe or band of Indians was granted a right to take and use water from Roberts Creek, a tributary of Richardson Creek, for irrigation and domestic purposes on Coquitch Indian Reserve, being Reserve No.10 of the said tribe or band.

Form 586, W.R.B. 5,000 12-20.

Order No. 4486.

Copy for Comptroller

2. The claims of the Department of Indian affairs with respect to the said waters are allowed by the Board to the extent hereinafter specified, and the Comptroller of Water Rights is hereby directed to issue a conditional licence in respect thereof embodying the following terms and conditions:—

(*a.*) The sources of the water supply is Roberts Creek, a tributary of Richardson Creek.

(*b.*) The points of diversion from the said sources ~~are~~ is located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(*c.*) The date for which the said licence shall take precedence is 26th September, 1898.

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water per annum which may be used when irrigation is extended to all the lands mentioned in subclause (*g*) of this clause, until lawfully altered, is 507 acre-feet, and the maximum quantity of water which may be used per annum on each acre actually irrigated until lawfully altered is 2½ acre-feet: Provided that where sources of supply other than those named in subclause (*a*) hereof are drawn upon for the irrigation of a part or all of the same lands as are described in subclause (*g*) hereof, the maximum quantity of water which may be used under the licence hereby directed to be issued shall be reduced by the quantity which the licensee may be entitled to use from said other sources of supply: Provided further that when the Engineer of the Water District has accumulated the requisite hydrographic data for determining to the satisfaction of the Comptroller the *pro rata* part of the said total quantity to be apportioned to the licence hereby directed to be issued, the Comptroller shall require the surrender of the licence, and shall amend the same by stating the particular quantity to which the licensee is entitled from the particular sources named therein.

(*f.*) The period of the year during which the water may be used is between the first day of April and the thirtieth day of September.

(*g.*) The water may be used on the Nooaitch Indian Reserve (No.10 Lower Nicola) of which two hundred and three (203) acres are said to be irrigable. The extent and location of the said irrigable lands are more particularly shown in the said Exhibit "A."

(*h.*) The works which are required to be constructed before the issue of a final licence are the clearing, stumping, and levelling of the irrigable lands on the said reserve and the additional works required for conducting thereto the maximum quantity of water hereby authorized to be diverted.

(*i.*) The execution of the said works ~~shall be commenced on or before the first day of June,~~ has been commenced, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j.*) The said works shall be completed and the quantity of water to which the licensee is entitled beneficially used for the purpose set out in the licence on or before the first day of November, 1930.

(*k.*) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

Copy for Comptroller

CL 7101

(*l.*) The nature and the extent of the incidental uses permitted under the licence are: For domestic purposes, the use of 7,500 gallons a day of water from any or all the said sources of supply during the whole of the year; and for storage purpose, such quantity of water (not exceeding ---------- acre-feet) as, together with the natural flow-water used hereunder, will be necessary to secure to the licensee the quantity granted hereunder. The water which may be so stored shall be that of ------- and it may be stored (accumulated) in a reservoir at ----------

---------- between the first day of October in each year and the first day of June in the succeeding year, and may be used as provided for in subclauses (*d*), (*e*), and (*f*) of this clause, but such uses shall not enlarge the quantity of water allowed by subclause (*e*) hereof.

(*m.*) The Board may extend the time for the commencement, resumption, or completion of the execution of the works on being satisfied that it is in the public interest and that it will not injuriously affect the rights of any licensee.

(*n.*) The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of the said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section 117 of the said Act.

3. Pending the issue of the licence hereby authorized to be issued, the terms and conditions of this order shall govern the respective rights of the record-holders or claimants affected thereby.

Made and entered this 17th day of September, 192?

THE BOARD OF INVESTIGATION.

By "J. S. T. Alexander", *Member.*

and "J. E. Lane", *Member.*

Form 587, W.R.B. 2,000 12-20.

Order No. 4406

Copy for Comptroller

CL 7618

PROVINCE OF BRITISH COLUMBIA. WATER RIGHTS BRANCH. DEPARTMENT OF LANDS.

# DETERMINATION AND ORDER.

(FOR A CONDITIONAL WATER LICENCE FOR IRRIGATION PURPOSES.)

BY THE BOARD OF INVESTIGATION
UNDER THE "WATER ACT, 1914."

In the Matter of the Claims of the Department of Indian Affairs to Rights to the Use of the Waters

of Nicola River, Nooaitch Creek and Billy Creek

in the neighbourhood of Nicola, in the

Nicola Water District.

NOW, on the 15th day of July, 1921, the above-entitled matter coming on regularly for final hearing before the Board of Investigation; due notice having been given of the time and place of hearing; all and every the steps required under the Act to be taken by the Board before a determination of the said rights and claims should be made having been taken; all evidence, testimony, and proofs filed with the Board or presented in the above-entitled matter having been duly considered; a quorum of the Board being present at the hearing; and the Board being now fully advised in the premises, determines with respect to the said claims (which are on file and designated as Indian File No. 22-6-1) that on the 26th day of September, 1888, there was filed in the office of the Dominion Lands Agent at New Westminster, B.C., a bona fide application for a record of water from Nicola River, Nooaitch Creek and Billy Creek for use on that part of Nooaitch Indian Reserve (No.10 Lower Nicola) lying on west side of Nicola River, and that water from the said sources has been used for beneficial purposes on the said Indian Reserve.

Form 586, W.R.B. 2,000-12-20.

Order No. 6681.

2. The claims of the Department of Indian affairs with respect to the said waters are allowed by the Board to the extent hereinafter specified, and the Comptroller of Water Rights is hereby directed to issue a conditional licence in respect thereof embodying the following terms and conditions:—

(*a.*) The sources of the water supply are Nicola River, Boonitoh Creek and Billy Creek.

(*b.*) The points of diversion from the said sources are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(*c.*) The date ~~from~~ which the said licence shall take precedence is 26th September, 1888.

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water per annum which may be used when irrigation is extended to all the lands mentioned in subclause (*g*) of this clause, until lawfully altered, is 1270 acre-feet, and the maximum quantity of water which may be used per annum on each acre actually irrigated until lawfully altered is 2½ acre-feet: Provided that where sources of supply other than those named in subclause (*a*) hereof are drawn upon for the irrigation of a part or all of the same lands as are described in subclause (*g*) hereof, the maximum quantity of water which may be used under the licence hereby directed to be issued shall be reduced by the quantity which the licensee may be entitled to use from said other sources of supply: Provided further that when the Engineer of the Water District has accumulated the requisite hydrographic data for determining to the satisfaction of the Comptroller the *pro rata* part of the said total quantity to be apportioned to the licence hereby directed to be issued, the Comptroller shall require the surrender of the licence, and shall amend the same by stating the particular quantity to which the licensee is entitled from the particular sources named therein.

(*f.*) The period of the year during which the water may be used is between the first day of April and the thirtieth day of September.

(*g.*) The water may be used on that part of Boonitoh Indian Reserve (No.10 Lower Nicola) lying on west side of Nicola River, of which 508 acres are said to be irrigable. The extent and location of the said irrigable lands are more particularly shown in the said Exhibit "A."

(*h.*) The works which are required to be constructed before the issue of a final licence are the clearing, stumping, and levelling of the irrigable lands on the said reserve and the additional works required for conducting thereto the maximum quantity of water hereby authorized to be diverted.

(*i.*) The execution of the said works shall be commenced or resumed on or before the first day of June, 1924, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j.*) The said works shall be completed and the quantity of water to which the licensee is entitled beneficially used for the purpose set out in the licence on or before the first day of November, 1930.

(*k.*) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

CL 7618

(*l.*) The nature and the extent of the incidental uses permitted under the licence are: For domestic purposes, the use of 7,500 gallons a day of water from any or all the said sources of supply during the whole of the year; and for storage purpose, such quantity of water (not exceeding ---------- acre-feet) as, together with the natural flow-water used hereunder, will be necessary to secure to the licensee the quantity granted hereunder. The water which may be so stored shall be that of ---------- and it may be stored (accumulated) in a reservoir at ---------- between the first day of October in each year and the first day of June in the succeeding year, and may be used as provided for in subclauses (*d*), (*e*), and (*f*) of this clause, but such uses shall not enlarge the quantity of water allowed by subclause (*c*) hereof.

(*m.*) The Board may extend the time for the commencement, resumption, or completion of the execution of the works on being satisfied that it is in the public interest and that it will not injuriously affect the rights of any licensee.

(*n.*) The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of the said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section 117 of the said Act.

3. Pending the issue of the licence hereby authorized to be issued, the terms and conditions of this order shall govern the respective rights of the record-holders or claimants affected thereby.

Made and entered this 2nd day of June, 1921.

THE BOARD OF INVESTIGATION.

By "J.S.T.Alexander", Member.

and "J.E.Lane", *Member.*

Form 387, W.R.B.—2,000-12-20.

6681.
Order No.

PROVINCE OF BRITISH COLUMBIA. | WATER RIGHTS BRANCH. | DEPARTMENT OF LANDS.

# CONDITIONAL WATER LICENCE.

(For an Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 6681, duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to that part of Nooaitch Indian Reserve (No.10 Lower Nicola) lying on west side of Nicola River.

Made and entered this 2nd day of October 192[illegible]

G. R. NADEN
*Acting Comptroller of Water Rights.*

No. 7618

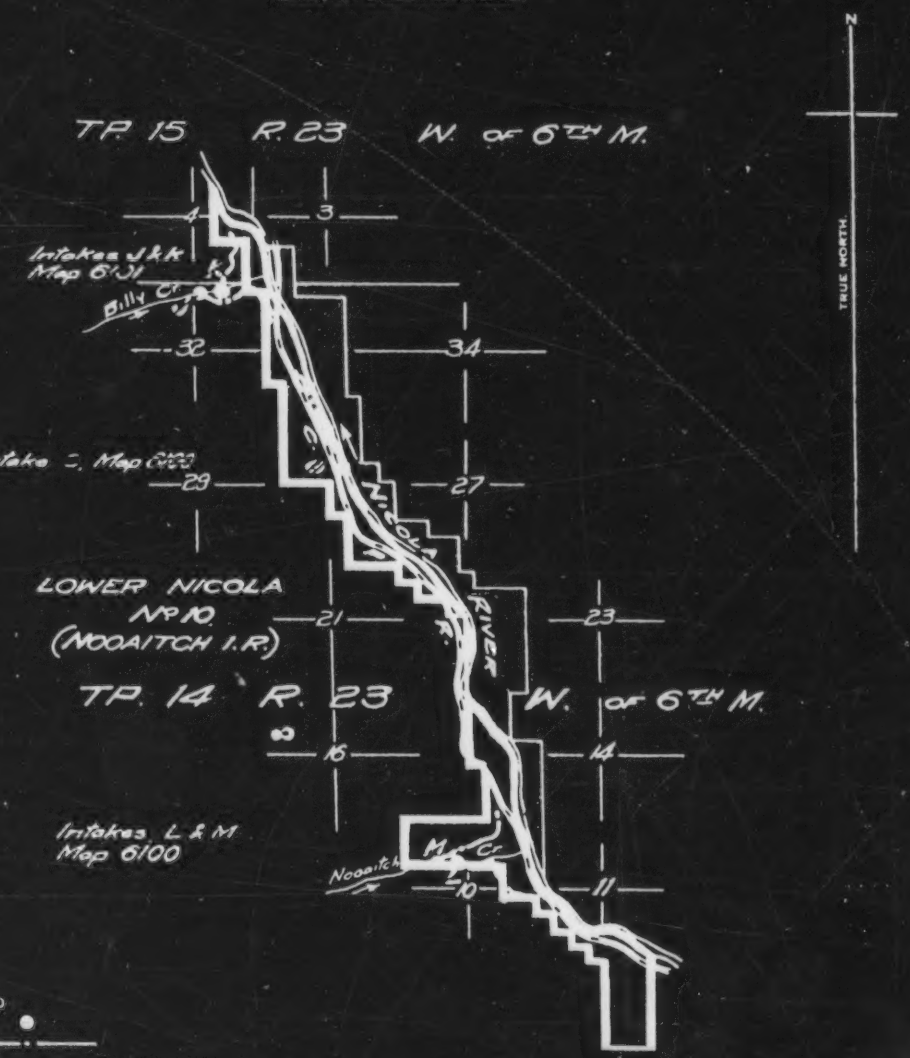
Form No. 1066, W.R.B. (Licence in respect of Board Order) 1,500-1-23-501.

CL 7618

To accompany Board Order No. 6601 (C.L. 7618)

# NICOLA ——— WATER DISTRICT.

Scale, 80 Chains to 1 Inch.




LEGEND
Intake ●
Ditch ——·——

The boundaries of the land to which this licence is appurtenant are shown shaded.
508 acres within the said boundaries are claimed to be irrigable on the west side of the river.

GAH

EXHIBIT "A" RB

Signature J. Alexander
J. Shane

(C.L. 7618) B.O. 6601
File 22-6 I.R.

250-124-4837

CL 7968

PROVINCE OF BRITISH COLUMBIA. WATER RIGHTS BRANCH. DEPARTMENT OF LANDS.

# DETERMINATION AND ORDER

(FOR A CONDITIONAL WATER LICENCE FOR IRRIGATION PURPOSES.)

BY THE BOARD OF INVESTIGATION
UNDER THE "WATER ACT, 1914."

In the Matter of the Claims of the Department of Indian Affairs to Rights to the Use of the Waters

of Petit Creek, a tributary of Nicola River,

in the neighbourhood of Nicola, in the

Nicola Water District.

NOW, on the 15th day of July, 1921, the above-entitled matter coming on regularly for final hearing before the Board of Investigation; due notice having been given of the time and place of hearing; all and every the steps required under the Act to be taken by the Board before a determination of the said rights and claims should be made having been taken; all evidence, testimony, and proofs filed with the Board or presented in the above-entitled matter having been duly considered; a quorum of the Board being present at the hearing; and the Board being now fully advised in the premises, determines with respect to the said claims (which are on file and designated as Indian File No. 30-6-1) that on the 26th day of September, 1888, there was filed in the office of the Dominion Lands Agent at New Westminster, B.C., a bona fide application for a record of water from Petit Creek, a tributary of Nicola River, for use on the Nooaitch Creek Indian Reserve (No.9, Lower Nicola), and that water from the said creek has been used for beneficial purposes on the said Indian Reserve.

7968

Form 14A, W.R.B.—100-124-27

Order No. 6679.

2. The claims of the Department of Indian affairs with respect to the said waters are allowed by the Board to the extent hereinafter specified, and the Comptroller of Water Rights is hereby directed to issue a conditional licence in respect thereof embodying the following terms and conditions:—

(*a.*) The source of the water supply is Potit Creek, a tributary of Nicola River.

(*b.*) The point of diversion from the said source is located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(*c.*) The date from which the said licence shall take precedence is 26th September, 1888.

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water per annum which may be used when irrigation is extended to all the lands mentioned in subclause (*g*) of this clause, until lawfully altered, is 258 acre-feet, and the maximum quantity of water which may be used per annum on each acre actually irrigated until lawfully altered is 3 acre-feet: Provided that where sources of supply other than those named in subclause (*a*) hereof are drawn upon for the irrigation of a part or all of the same lands as are described in subclause (*g*) hereof, the maximum quantity of water which may be used under the licence hereby directed to be issued shall be reduced by the quantity which the licensee may be entitled to use from said other sources of supply: Provided further that when the Engineer of the Water District has accumulated the requisite hydrographic data for determining to the satisfaction of the Comptroller the *pro rata* part of the said total quantity to be apportioned to the licence hereby directed to be issued, the Comptroller shall require the surrender of the licence, and shall amend the same by stating the particular quantity to which the licensee is entitled from the particular sources named therein.

(*f.*) The period of the year during which the water may be used is between the first day of April and the thirtieth day of September.

(*g.*) The water may be used on the Kooaitah Group Indian Reserve (No.9, Lower Nicola) of which 86 acres are said to be irrigable. The extent and location of the said irrigable lands are more particularly shown in the said Exhibit "A."

(*h.*) The works which are required to be constructed before the issue of a final licence are the clearing, stumping, and levelling of the irrigable lands on the said reserve and the additional works required for conducting thereto the maximum quantity of water hereby authorized to be diverted.

(*i.*) The execution of the said works shall be commenced or resumed on or before the first day of June, 1925, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j.*) The said works shall be completed and the quantity of water to which the licensee is entitled beneficially used for the purpose set out in the licence on or before the first day of November, 1930.

(*k.*) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

7968

CL 7968

(*l.*) The nature and the extent of the incidental uses permitted under the licence are: For domestic purposes, the use of 3,000 gallons a day of water from any or all the said sources of supply during the whole of the year; and for storage purpose, such quantity of water (not exceeding ---------- acre-feet) as, together with the natural flow-water used hereunder, will be necessary to secure to the licensee the quantity granted hereunder. The water which may be so stored shall be that of ---------- and it may be stored (accumulated) in a reservoir at ---------- ---------- between the first day of October in each year and the first day of June in the succeeding year, and may be used as provided for in subclauses (*d*), (*e*), and (*f*) of this clause, but such uses shall not enlarge the quantity of water allowed by subclause (*e*) hereof.

(*m.*) The Board may extend the time for the commencement, resumption, or completion of the execution of the works on being satisfied that it is in the public interest and that it will not injuriously affect the rights of any licensee.

(*n.*) The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part X of the "Water Act, ~~1914~~," and shall be subject to all the provisions of the said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section ~~14~~ 7(a) of the said Act.

3. Pending the issue of the licence hereby authorized to be issued, the terms and conditions of this order shall govern the respective rights of the record holders or claimants affected thereby.

Made and entered this 2nd day of March, 1925.

THE BOARD OF INVESTIGATION.

By "J.S.T.Alexander", ~~Chairman~~ Member.

and "J.E.Lane", *Member.*

6100

7968

Form 587 (5), W.R.B.—1M-1024-7719. Order No. 6679.

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

## CONDITIONAL WATER LICENCE.

(For a n Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, ~~1911~~," duly held an investigation respecting the water set out in the order No. 6679, duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditionnl licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, ~~1914~~," issue this conditionnl licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to tho southerly portion of the Nooaitch Green Indian Reserve (No.9, Lower Nicola).

Superseded by
Final Licence———

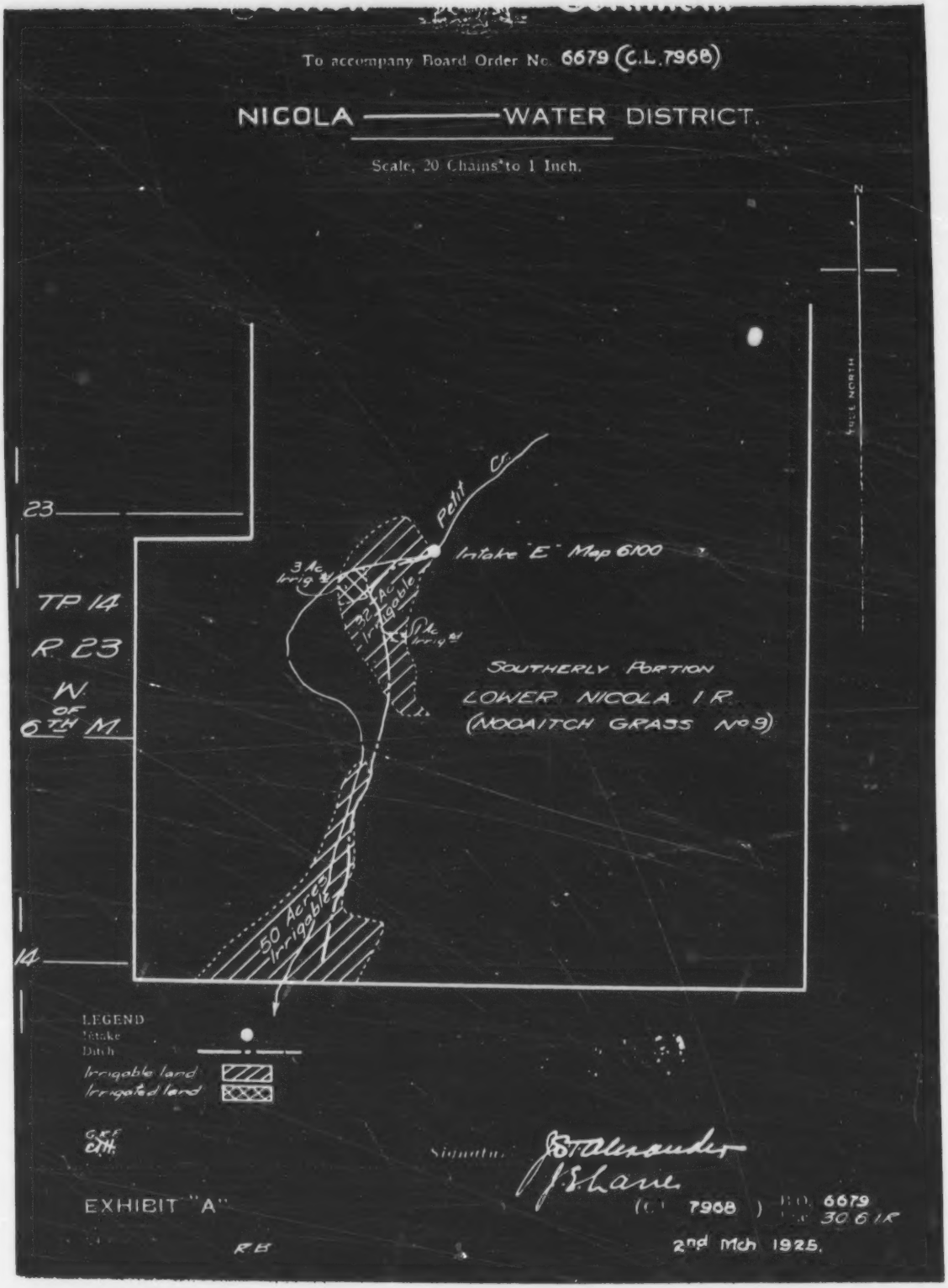
Made and entered this 2nd day of March, 1925

E. A. Cleveland
*Comptroller of Water Rights.*

No. 7968

Form No. 1006, W.R.B. (Licence in respect of Board Order)—500-324-5764

CL 7968


To accompany Board Order No. 6679 (C.L.7968)
NICOLA ——— WATER DISTRICT.
Scale, 20 Chains to 1 Inch.
N
TRUE NORTH
23
TP 14
R 23
W
OF
6TH M.
14
Pelit Cr.
Intake "E" Map 6100
3 Ac Irrig
32 Ac Irrigable
2 Ac Irrig
SOUTHERLY PORTION
LOWER NICOLA I.R.
(NOOAITCH GRASS No 9)
50 Acres Irrigable
LEGEND
Intake
Ditch
Irrigable land
Irrigated land
G.R.F.
C.H.
Signature
J. Alexander
J. Shaw
(C.L. 7968) B.O. 6679
30 6 IR
2nd Mch 1925.
EXHIBIT "A"
R.B.

CL 7969

PROVINCE OF BRITISH COLUMBIA. | WATER RIGHTS BRANCH. | DEPARTMENT OF LANDS.

# DETERMINATION AND ORDER

(FOR A CONDITIONAL WATER LICENCE FOR IRRIGATION PURPOSES.)

BY THE BOARD OF INVESTIGATION
UNDER THE "WATER ACT, [redacted]"

In the Matter of the Claims of the Department of Indian Affairs to Rights to the Use of the Waters

of Shackelly Creek, a tributary of Nicola River, and springs on Nooaitch I.R. (No.10, Lower Nicola)

in the neighbourhood of Nicola, in the

Nicola Water District.

NOW, on the 15th day of July, 1921, the above-entitled matter coming on regularly for final hearing before the Board of Investigation; due notice having been given of the time and place of hearing; all and every the steps required under the Act to be taken by the Board before a determination of the said rights and claims should be made having been taken; all evidence, testimony, and proofs filed with the Board or presented in the above-entitled matter having been duly considered; a quorum of the Board being present at the hearing; and the Board being now fully advised in the premises, determines with respect to the said claims (which are on file and designated as Indian File No. 24/26/27-6-1) that on the 26th day of September, 1888, there was filed in the office of the Dominion Lands Agent at New Westminster, B.C., a bona fide application for a record of water from Shackelly Creek, a tributary of Nicola River, and unnamed springs for use on the Nooaitch Indian Reserve (No.10, Lower Nicola), and that water from the said creek and springs has been used for beneficial purposes on the said Indian Reserve.

7969

Form 58A. W.R.B.—500-324-87

Order No. 6680.

2. The claims of the Department of Indian affairs with respect to the said waters are allowed by the Board to the extent hereinafter specified, and the Comptroller of Water Rights is hereby directed to issue a conditional licence in respect thereof embodying the following terms and conditions:—

(*a.*) The sources of the water supply are Chuckelly Creek, a tributary of Nicola River, and unnamed springs on the Nooaitch Indian Reserve (No.10, Lower Nicola).

(*b.*) The points of diversion from the said sources are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(*c.*) The date ~~for~~ from which the said licence shall take precedence is 26th September, 1888.

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water per annum which may be used when irrigation is extended to all the lands mentioned in subclause (*g*) of this clause, until lawfully altered, is 605 acre-feet, and the maximum quantity of water which may be used per annum on each acre actually irrigated until lawfully altered is 2½ acre-feet: Provided that where sources of supply other than those named in subclause (*a*) hereof are drawn upon for the irrigation of a part or all of the same lands as are described in subclause (*g*) hereof, the maximum quantity of water which may be used under the licence hereby directed to be issued shall be reduced by the quantity which the licensee may be entitled to use from said other sources of supply: Provided further that when the Engineer of the Water District has accumulated the requisite hydrographic data for determining to the satisfaction of the Comptroller the *pro rata* part of the said total quantity to be apportioned to the licence hereby directed to be issued, the Comptroller shall require the surrender of the licence, and shall amend the same by stating the particular quantity to which the licensee is entitled from the particular sources named therein.

(*f.*) The period of the year during which the water may be used is between the first day of April and the thirtieth day of September.

(*g.*) The water may be used on the Nooaitch Indian Reserve (No.10, Lower Nicola) of which 242

acres are said to be irrigable. The extent and location of the said irrigable lands are more particularly shown in the said Exhibit "A."

(*h.*) The works which are required to be constructed before the issue of a final licence are the clearing, stumping, and levelling of the irrigable lands on the said reserve and the additional works required for conducting thereto the maximum quantity of water hereby authorized to be diverted.

(*i.*) The execution of the said works shall be commenced or resumed on or before the first day of June, 1925, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j.*) The said works shall be completed and the quantity of water to which the licensee is entitled beneficially used for the purpose set out in the licence on or before the first day of November, 1930.

(*k.*) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.



7969

Board Order No. 6680.

CL 796A

(*l.*) The nature and the extent of the incidental uses permitted under the licence are: For domestic purposes, the use of 7,500 gallons a day of water from any or all the said sources of supply during the whole of the year; and for storage purpose, such quantity of water (not exceeding ~~************~~ acre-feet) as, together with the natural flow-water used hereunder, will be necessary to secure to the licensee the quantity granted hereunder. The water which may be so stored shall be that of ~~**********~~ and it may be stored (accumulated) in a reservoir at ~~************

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

## CONDITIONAL WATER LICENCE.

(For a n **Irrigation** Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, ~~1914~~," duly held an investigation respecting the water set out in the order No. **6600**, duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a **conditional** licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, ~~1914~~," issue this **conditional** licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to **Nooaitch Indian Reserve (No.10, Lower Nicola).**

Issued by
Final Licence 1/6/1

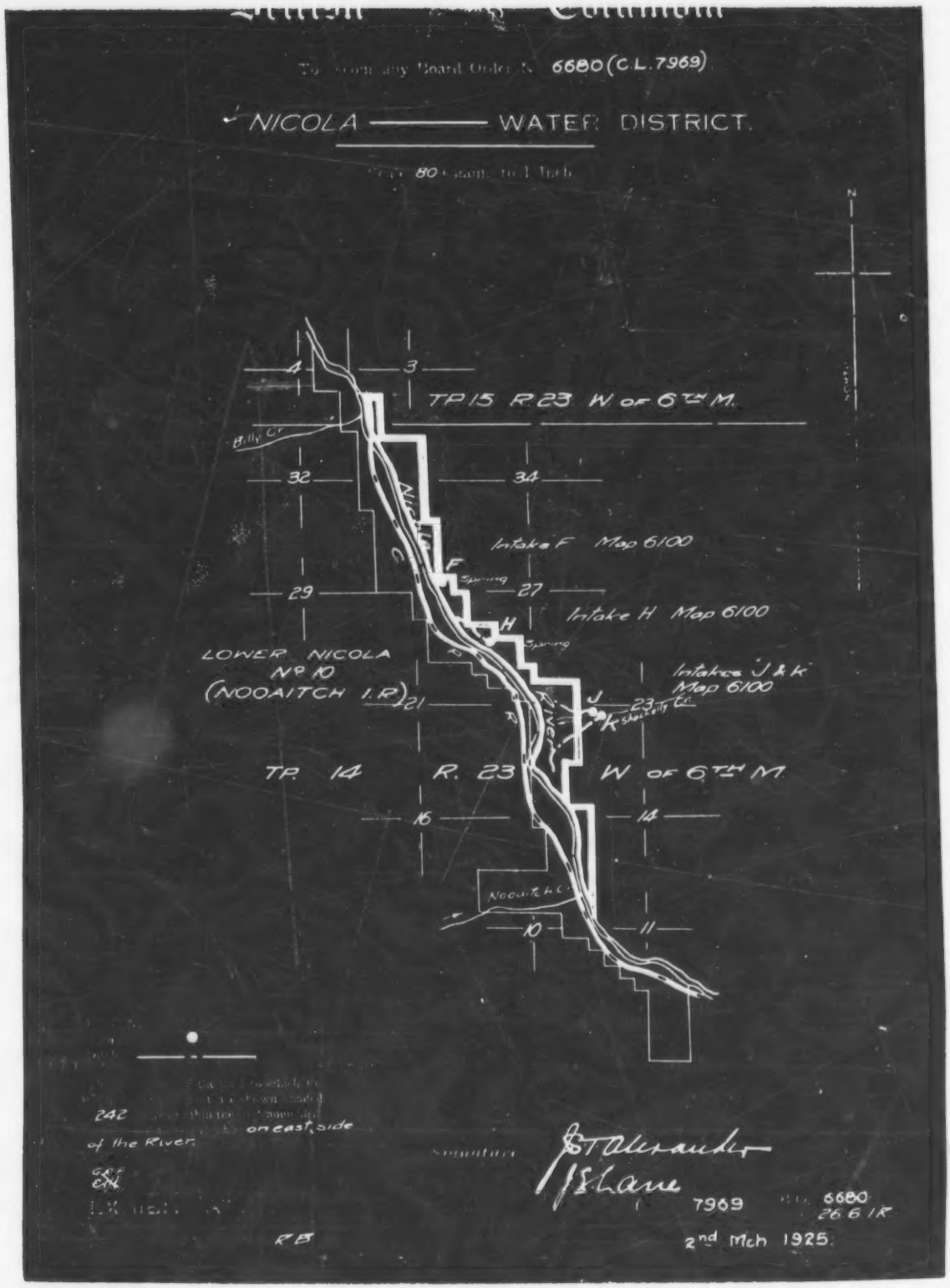
Made and entered this 2nd day of March, 1925

L. A. Cleveland
*Comptroller of Water Rights.*

No. 7969

Form No. 1000, W.R.B. (Licence in respect of Board Order) – 500-324-5764

CL 7969


To accompany Board Order No. 6680 (C.L. 7969)
NICOLA WATER DISTRICT.
80 chains to 1 Inch
N
TP 15 R 23 W of 6TH M.
Billy Cr
4
3
32
34
29
27
Intake F Map 6100
F
Spring
Intake H Map 6100
H
Spring
LOWER NICOLA
No 10
(NOOAITCH I.R.)
21
Intakes J & K
Map 6100
J
K
23
Shanty Cr
NICOLA RIVER
TP. 14 R. 23 W OF 6TH M.
16
14
Nooaitch Cr
10
11
242
of the River
on east side
RB
Signature
7969
6680
26.6 I.R.
2nd Mch 1925.

CL 16949

# CONDITIONAL WATER LICENCE.

DIRECTOR OF INDIAN AFFAIRS of Ottawa, Ontario, is

hereby authorized to divert and use water as follows:—

(a.) The source of the water-supply is Shackelly Creek, tributary of Nicola River.

(b.) The point of diversion is located as shown on the attached plan.

(c.) The date from which this licence shall have precedence is 19th September, 1945.

(d.) The purpose for which the water is to be used is Irrigation.

(e.) The maximum quantity of water which may be diverted is 25 acre-feet per annum, and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(f.) The period of the year during which the water may be used is 1st April to 30th September.

(g.) The land upon which the water is to be used and to which this licence is appurtenant is Indian Reserve No. 9, "Nooaitch Grass" of which 15 acres may be irrigated.

(h.) The works authorized to be constructed are ditch, and they shall be located approximately as shown on the attached plan.

(i.) The construction of the said works ~~shall be commenced on or before the~~ has already been day of 19 and shall be completed and the water beneficially used on or before the 31st day of December 1948.

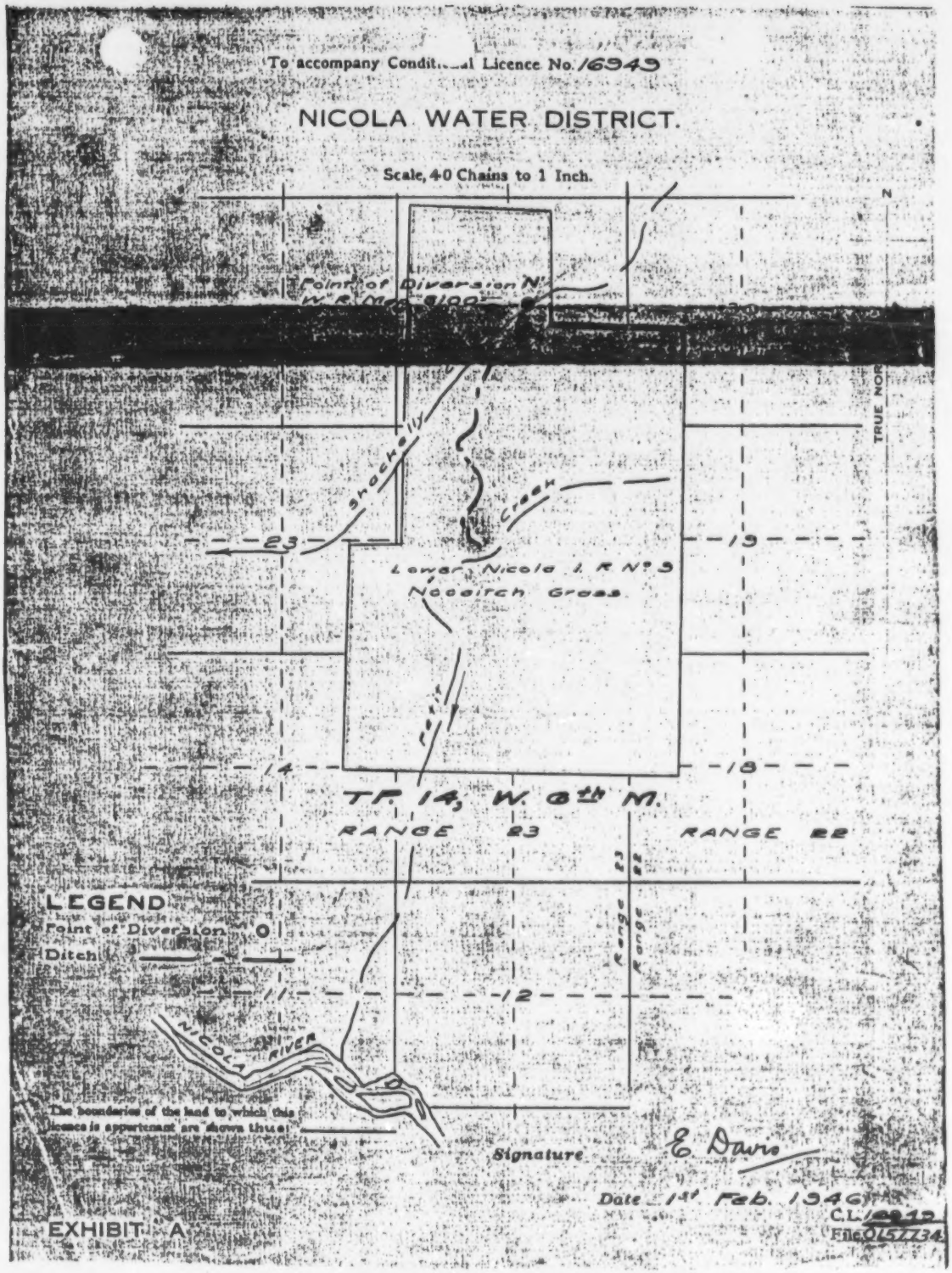
-6100
H.W.L

Superseded by Final Licence 15572

E. Davis

*Comptroller of Water Rights.*

File No. 0157734 Date issued February 1st, 1946. Licence No. 16949


To accompany Conditional Licence No. 6949
NICOLA WATER DISTRICT.
Scale, 40 Chains to 1 Inch.
N
Point of Diversion N. W. R. Mer. 3100'
TRUE NOR
Shackelly Creek
23
19
Lower Nicola I. R. No. 3
Necaitch Grass
14
18
TP. 14, W. 6th M.
RANGE 23
RANGE 22
LEGEND
Point of Diversion
Ditch
Range 23
Range 22
12
NICOLA RIVER
The boundaries of the land to which this licence is appurtenant are shown thus
Signature
E. Davis
Date 1st Feb. 1946
C.L. 6912
File 0152734
EXHIBIT "A"

CL 17029

W.R.B. 19—4M-8-45-4492

PROVINCE OF BRITISH COLUMBIA.

# WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS AND FORESTS.

## CONDITIONAL WATER LICENCE.

DIRECTOR OF INDIAN AFFAIRS of Ottawa, Ontario, is

hereby authorized to divert and use water as follows:—

(a.) The source of the water-supply is Nicola River, tributary of Thompson River.

(b.) The point of diversion is located as shown on the attached plan.

(c.) The date from which this licence shall have precedence is 17th January, 1946.

(d.) The purpose for which the water is to be used is irrigation

(e.) The maximum quantity of water which may be diverted is 90 acre feet per annum.

and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(f.) The period of the year during which the water may be used is 1st April to 30th September.

(g.) The land upon which the water is to be used and to which this licence is appurtenant is Portion Indian Reserve No. 10 Nooatch, lying East of Nicola River and North and South of Shackelly Creek of which 30 acres may be irrigated.

(h.) The works authorized to be constructed are headgate and flume.

and they shall be located approximately as shown on the attached plan.

(i.) The construction of the said works shall be commenced on or before the 31st day of July 1946 and shall be completed and the water beneficially used on or before the 31st day of December 19 49.

Map No. 6100
Page A & L

E. Davis.

*Comptroller of Water Rights.*

File No. 0159188 Date issued March 1, 1946 Licence No. 17029

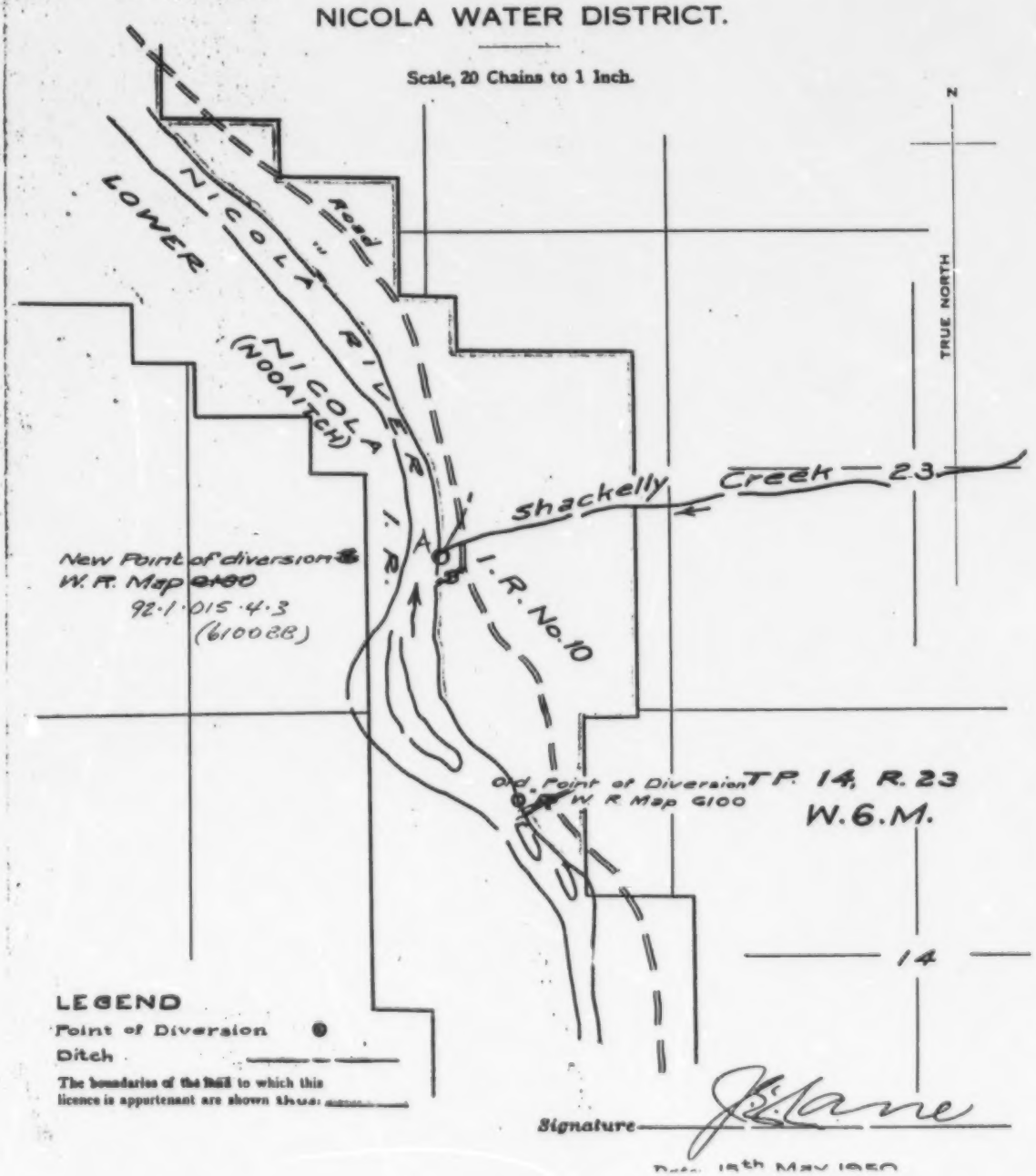
8

# British Columbia.

To accompany Conditional Licence No. 17029 Amended

## NICOLA WATER DISTRICT.

Scale, 20 Chains to 1 Inch.




Signature J. E. Lane

Date 18th May 1950

CL 17029

ALL C[illegible] TO WATER
[illegible] BE ADDRESSED TO
COMPTRO[illegible]ATER RIGHTS
PARLIAMENT BUILDINGS, VICTORIA, B.C.

THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

VICTORIA, B.C., .....

WATER RIGHTS BRANCH
DEPARTMENT OF LANDS AND FORESTS

# O R D E R

## W A T E R  A C T,
Section 13.

File No. 0159188.

Being satisfied that no person's rights will be injuriously affected, I hereby amend Conditional Water Licence No. 17029, Nicola River, to authorize the construction and maintenance of an intake dam at the point marked "S" Water Rights Map 6100 on the attached plan, and pump and ditch from the said intake dam to the place of use, in place of the works originally authorized under the said licence.

Comptroller of Water Rights.

DATED at Victoria, B.C.,
this 15th day of May,
1 9 5 0.

THE GOVERNMENT OF THE PROVINCE OF BRITISH COLUMBIA

WATER RIGHTS BRANCH
DEPARTMENT OF LANDS AND FORESTS

# ORDER

## WATER ACT

Section 13

File No. 0159188

The provisions of the B. C. Water Act having been complied with and being satisfied that no person's rights will be affected, I hereby extend the time for the completion of the works and for making beneficial use of the water authorized under Conditional Water Licence No. 17029 , Nicola River to the 31st day of December, 1958.

V. Raudsepp,
Deputy Comptroller of Water Rights.

DATED at Victoria, B. C.,
this 12th day of April , 1957.

W.R.B. 42

CL 17029

THE GOVERNMENT OF THE PROVINCE OF BRITISH COLUMBIA

WATER RIGHTS BRANCH
DEPARTMENT OF LANDS AND FORESTS

# O R D E R

## W A T E R  A C T

Section 13

File No. 0159188

The provisions of the B. C. Water Act having been complied with and being satisfied that no person's rights will be affected, I hereby extend the time for the completion of the works and for making beneficial use of the water authorized under Conditional Water Licence No. 17029, Nicola River to the 31st day of December, 1961.

V. Raudsepp.

Deputy Comptroller of Water Rights.

DATED at Victoria, B. C.,
this 30th day of June, 1959.

W.R.B. 42

THE GOVERNMENT OF THE PROVINCE OF BRITISH COLUMBIA

WATER RIGHTS BRANCH
DEPARTMENT OF LANDS AND FORESTS

# ORDER

## WATER ACT

Section ~~13~~ 15

File No. 0159188

The provisions of the B. C. Water Act having been complied with and being satisfied that no person's rights will be affected, I hereby extend the time for the completion of the works and for making beneficial use of the water authorized under Conditional Water Licence No. 17029 , Nicola River to the 31st day of December, 1963.

V. Raudsepp.

V. Raudsepp,
Deputy Comptroller of Water Rights.

DATED at Victoria, B. C.,
this 28th day of February , 1962.

W.R.B. 42

CL 17029

THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

WATER RIGHTS BRANCH
DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES

# O R D E R

## W A T E R  A C T

Section 15

File No. 0159188

The provisions of the B. C. Water Act having been complied with and being satisfied that no person's rights will be affected, I hereby extend the time for the completion of the works and for making beneficial use of the water authorized under Conditional Water Licence No. 17029 , Nicola River, to the 31st day of December, 1965.

Gordon J.A. Kidd,
Deputy Comptroller of Water Rights.

DATED at Victoria, B. C.,
this 28th day of April , 1964

W.R.B. 42

THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

WATER RIGHTS BRANCH
DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES

# ORDER

## WATER ACT

Section 15

**File No. 0159188**

The provisions of the B. C. Water Act having been complied with and being satisfied that no person's rights will be affected, I hereby extend the time for the completion of the works and for making beneficial use of the water authorized under Conditional Water Licence No. 17029 , Nicola River

to the 31st day of December, 1968.

A. K. Sutherland,
Deputy Comptroller of Water Rights.

DATED at Victoria, B. C.,
this 11th day of February , 1966.

W.R.B. 42

FL 8934

PROVINCE OF BRITISH COLUMBIA. | WATER RIGHTS BRANCH. | DEPARTMENT OF LANDS.

# FINAL WATER LICENCE.

The Superintendent-General of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(*a.*) The source of the water-supply is Petit creek

a tributary of Nicola river.

(*b.*) ~~The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.~~

(*c.*) The date from which this licence shall have precedence is 26th September, 1888.

(*d.*) The purpose for which the water is to be used is Domestic (stock watering).

(*e.*) The maximum quantity of water which may be diverted from the stream is 1000 gallons a day.

(*f.*) The period of the year during which the water may be used is the whole year.

(*g.*) The land upon which the water may be used is the Nocaitch Grass Indian Reserve (No.9 Lower Nicola). ~~as shown in the said Exhibit "A."~~

(*h.*) The works for the diversion and the carriage of the water consist of ——

(*i.*) This licence is issued in substitution of Conditional Water Licence No. 7968.

Stock may be watered from the creek within the above Indian Reserve.

Issued this 20th day of August, 193 4.

*Comptroller of Water Rights.*

File No. 30-6-1
W.R. Map 6100.
W.R.B. 2—1M-434-1094

Licence No. 8934

FL 9968

W.h. .—1M-836-9939

PROVINCE OF BRITISH COLUMBIA. | WATER RIGHTS BRANCH. | DEPARTMENT OF LANDS.

# FINAL WATER LICENCE.

The Superintendent-General of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(*a.*) The source of the water-supply is Robert creek

a tributary of Richardson creek.

(*b.*) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(*c.*) The date from which this licence shall have precedence is 26 September, 1888.

(*d.*) The purpose for which the water is to be used is irrigation and domestic.

(*e.*) The maximum quantity of water which may be diverted from the stream is 175 acre feet per annum of which quantity 2000 gallons a day may be used for domestic purpose.

(*f.*) The period of the year during which the water may be used is for irrigation is 1st April to 30th September and for domestic purpose the whole year.

(*g.*) The land upon which the water may be used is 70 acres of the southerly portion of Nooaitch Reserve No. 10,

as shown in the said Exhibit "A."

(*h.*) The works for the diversion and the carriage of the water consist of ditch and flume.

(*i.*) This licence is issued in substitution of Conditional Water Licence No. 7101.

Date issued April 20,1937

Comptroller of Water Rights.

File No. 19-6-1

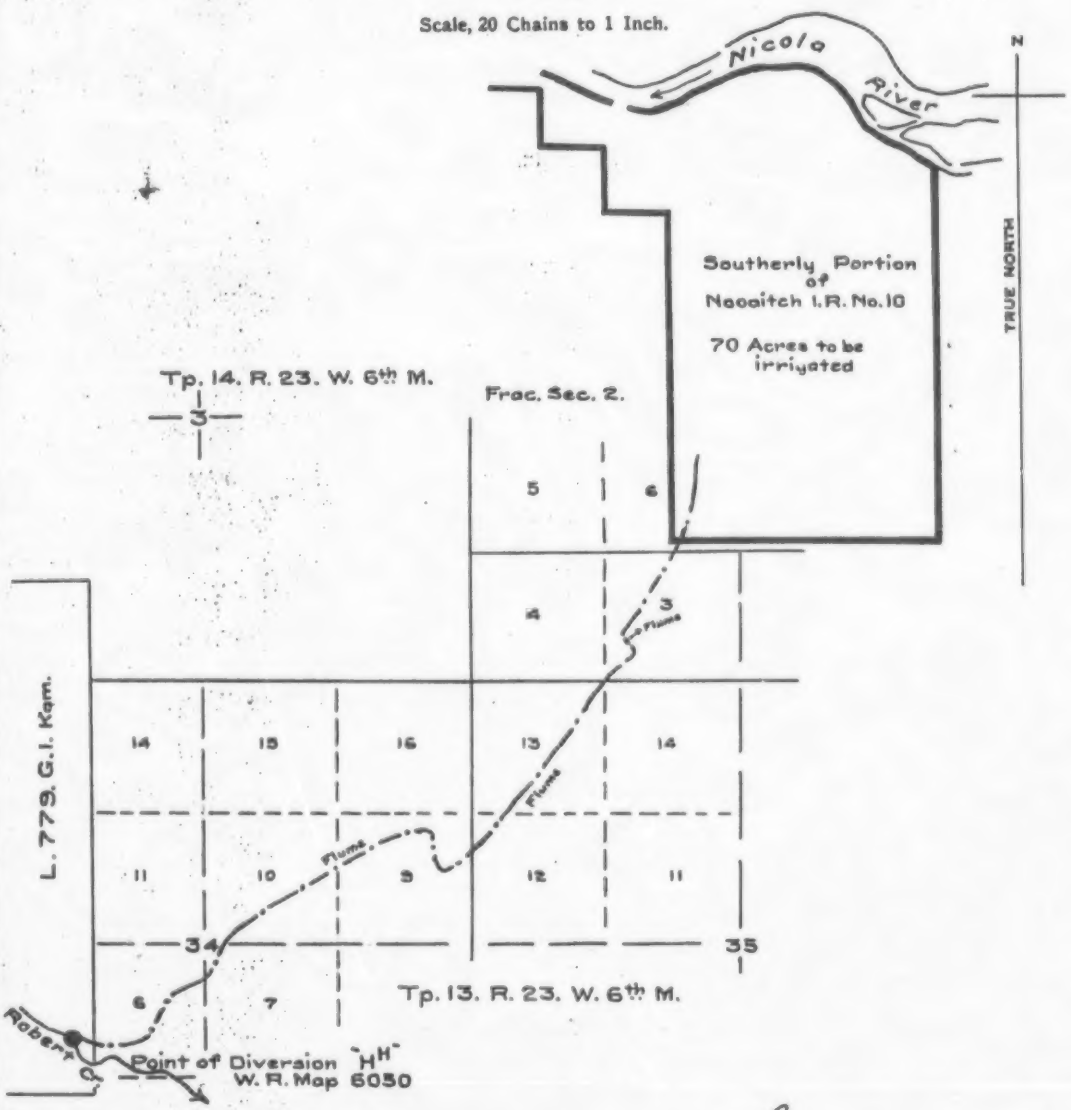
Licence No. 9968

# British Columbia.

To accompany Final Licence No 9968

## NICOLA WATER DISTRICT.

Scale, 20 Chains to 1 Inch.




Signature H. Macdonald

Date 20th April 1937

FL 9968

DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES
WATER RESOURCES SERVICE
WATER RIGHTS BRANCH
VICTORIA, B.C.

# ORDER

## WATER ACT

Section 15

FILE NO. 0241035

In the matter of Final Water Licence 9968 which authorizes the diversion of water from Robert Creek for irrigation and domestic purpose.

Having determined that the source of the water-supply has been renamed and being satisfied that no person's rights will be injuriously affected I hereby amend Clause (a) of the said licence to read as follows:-

(a) The source of the water-supply is James Creek.

Dated at Victoria, B.C., this 18th day of September, 1972.

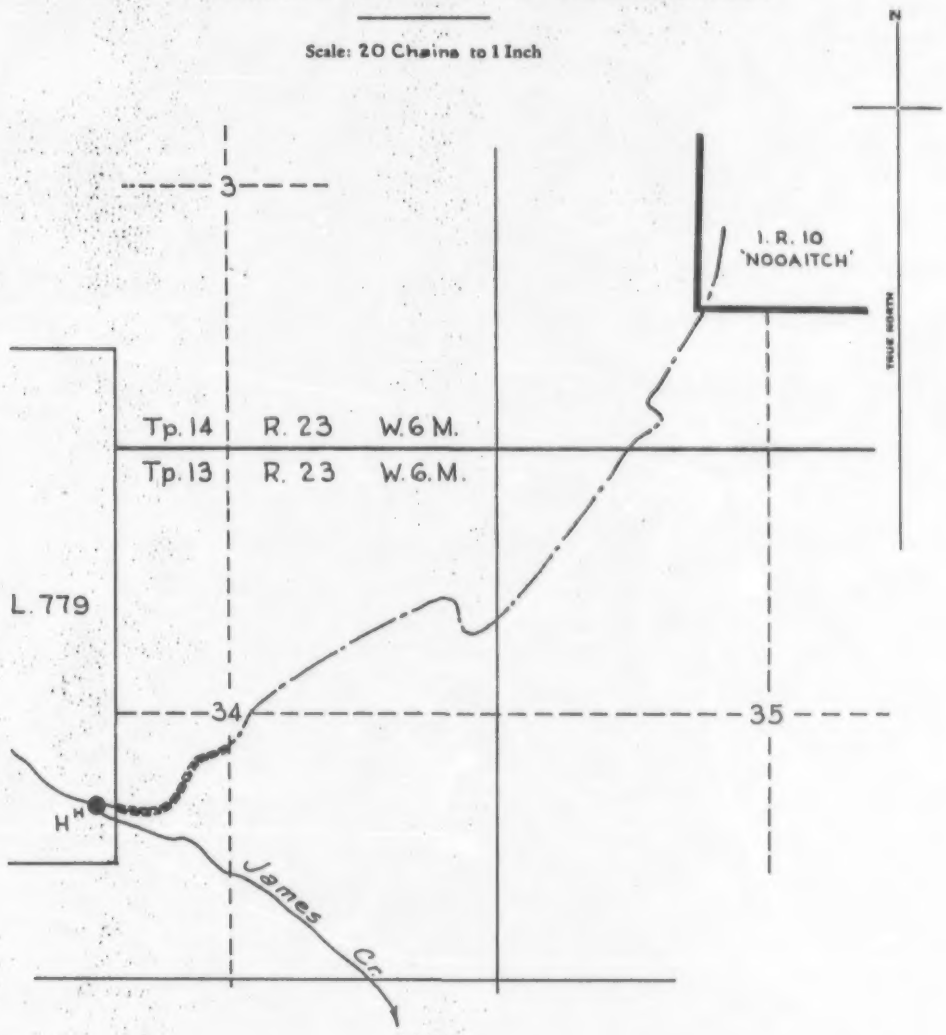
A. K. Sutherland,
Deputy Comptroller of Water Rights.

# British Columbia

## NICOLA WATER DISTRICT

### KAMLOOPS DIVISION OF YALE DISTRICT

Scale: 20 Chains to 1 Inch




**LEGEND**

| | |
|---|---|
| Point of Diversion | ● |
| W.R. Map | 6050 |
| Ditch & Flume | —·— |
| Right of Way | ═══ |

The boundaries of the land to which this licence is appurtenant are shown thus: ———

Signature A K Sutherland

Date 18th Sept. 1972.

Amended F.L. 9968

File 0241035

R/W Permit No. 6688

**EXHIBIT "A"**

Merritt Precinct

FL 9968

DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES
WATER RESOURCES SERVICE
WATER RIGHTS BRANCH
VICTORIA, B.C.

# ORDER

## WATER ACT

Section 15

FILE NO. 0241035

In the matter of Final Water Licence 9968 which authorizes the diversion of water from James Creek for irrigation and domestic purpose.

Having determined the source of the water-supply was renamed in error by our Order of 18th September, 1972 and being satisfied that no person's rights will be injuriously affected I hereby rescind the said Order and amend Clause (a) of the said licence to read as follows:

(a) The source of the water-supply is Roberts Creek.

Dated at Victoria, B.C. this 12th day of September, 1973.

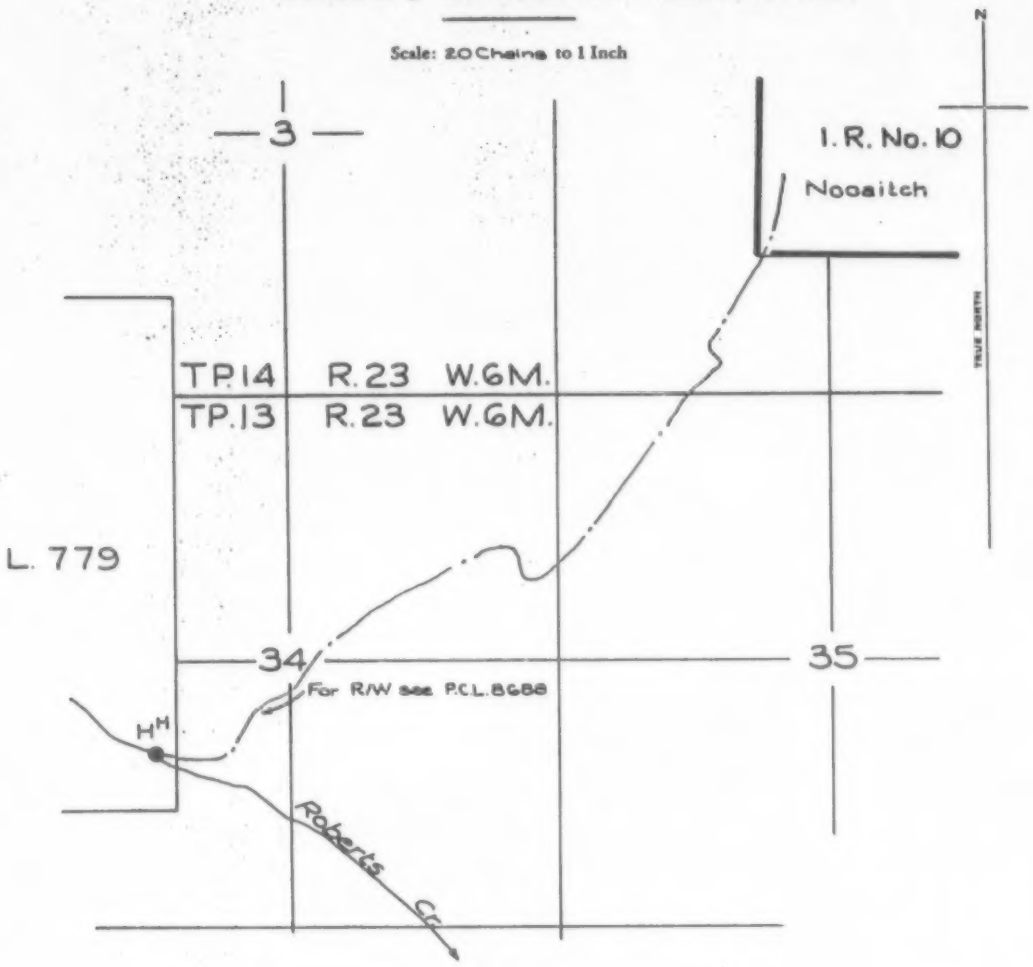
A.K. Sutherland
Deputy Comptroller of Water Rights.

# British Columbia

## NICOLA WATER DISTRICT

### KAMLOOPS DIVISION OF YALE DISTRICT

Scale: 20 Chains to 1 Inch




**LEGEND**

Point of Diversion ●
W.R. Map 6050
Pipe ——·——

The boundaries of the land to which this licence is appurtenant are shown thus: ▬▬▬

Signature A K Sutherland

Date 12th Sept. 1973.

Amended F.L. 9968
File 0241035

**EXHIBIT "A"**

Merritt Precinct

200-1800-700

FL 9968

Province of
British Columbia

Ministry of
the Environment

WATER RIGHTS BRANCH

ORDER

WATER ACT

Section 15

FILE NO. 0241035

In the matter of Final Water Licence 9968, which authorizes the diversion of water from Roberts Creek for irrigation and domestic purposes.

Having received an application for Change of Works and being satisfied that no person's rights will be injuriously affected, I hereby authorize the construction of a diversion structure, flume, boxes, pipe and sprinkler system, which shall be located approximately as shown on the attached amended plan.

The construction of the said works has been commenced and shall be completed and the water beneficially used on or before the 31st day of December, 1981.

Dated at Victoria, B.C. this 8th day of March, 1979.

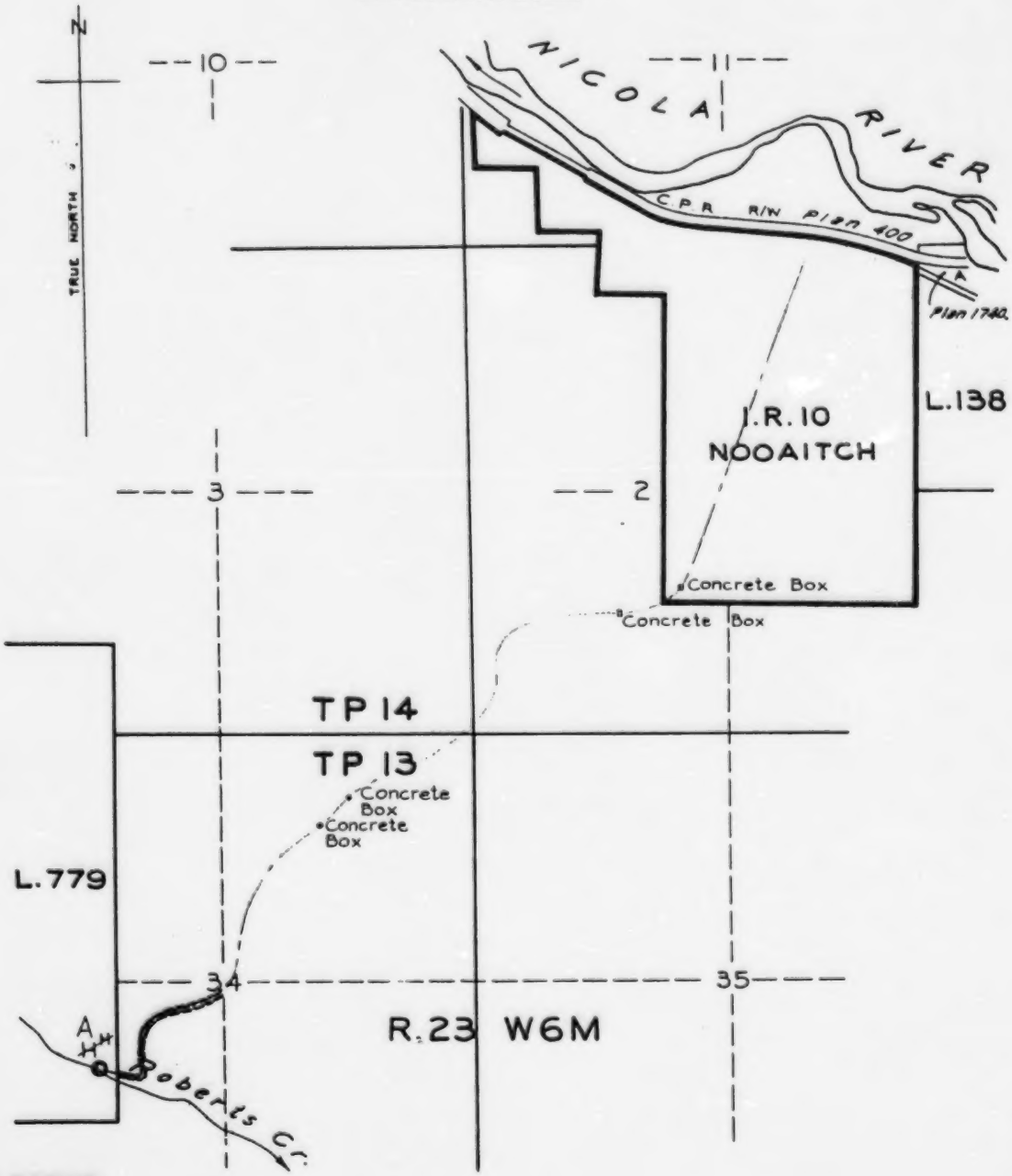
H.D. DeBeck,
Comptroller of Water Rights.

British Columbia

# NICOLA WATER DISTRICT

## KAMLOOPS DIVISION OF YALE DISTRICT

Scale: 20 Chains to 1 inch




**LEGEND**

| | |
|---|---|
| Point of Diversion | ⊗ |
| W.R. Map | 6050 92·1·015·2·3 (6050 DD) |
| Pipe & Flume | — · — |
| Right of Way | ▪▪▪▪▪ |

The boundaries of the land to which this licence is appurtenant are shown thus: ▬▬▬▬

Signature: [signature]

Date 8th March 1979

Amended F.L. 9968

File 0241035

FL 9969

W.R.B. 2—1M-836-9939

PROVINCE OF BRITISH COLUMBIA. | WATER RIGHTS BRANCH. | DEPARTMENT OF LANDS.

# FINAL WATER LICENCE.

The Superintendent-General of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(*a.*) The source of the water-supply is **Shack and Alcock springs within Nooaitch Indian Reserve No. 10.**
a tributary of

(*b.*) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(*c.*) The date from which this licence shall have precedence is **26 September, 1888.**

(*d.*) The purpose for which the water is to be used is **irrigation and domestic.**

(*e.*) The maximum quantity of water which may be diverted from the stream is **25 acre feet per annum of which quantity 1000 gallons a day may be used for domestic purpose.**

(*f.*) The period of the year during which the water may be used is **for irrigation is 1st April to 30th September and for domestic use the whole year.**

(*g.*) The land upon which the water may be used is **10 acres of the portion of Nooaitch Indian Reserve No.10 situated East of the Nicola river**

as shown in the said Exhibit "A."

(*h.*) The works for the diversion and the carriage of the water consist of **ditches.**

(*i.*) This licence is issued in substitution of Conditional Water Licence No. **7969.**

Date issued **April 20,1937.**

*Comptroller of Water Rights.*

File No. **26-6-1**

Licence No. **9969**

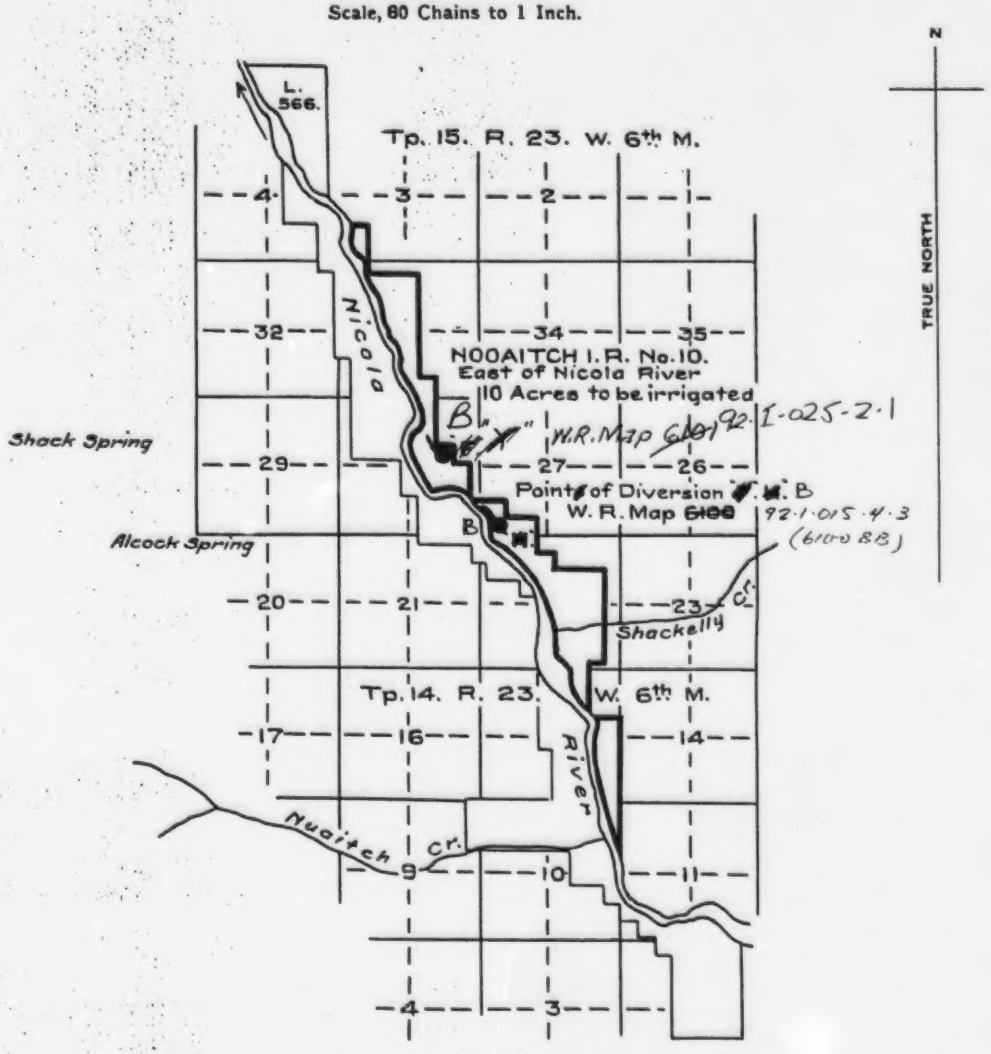
8

# British Columbia.

To accompany Final Licence No. 9969

## NICOLA WATER DISTRICT.

Scale, 80 Chains to 1 Inch.




Signature [signature]

Date 20th April 1937

FL 15572

W.R.B. 53-6179

PROVINCE OF BRITISH COLUMBIA

# Water Rights Branch

DEPARTMENT OF LANDS AND FORESTS

## FINAL WATER LICENCE

Director of Indian Affairs of Ottawa, Ontario.

is hereby authorized to divert and use water as follows:—

(*a*) The source of the water-supply is are Shackelly and Petit Creeks.

(*b*) The point of diversion is are located as shown on the attached plan.

(*c*) The date from which this licence shall have precedence is 19th September, 1945

(*d*) The purpose for which the water is to be used is irrigation.

(*e*) The maximum quantity of water which may be diverted is 25 acre feet per annum

and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(*f*) The period of the year during which the water may be used is 1st April to 30th September.

(*g*) The land upon which the water is to be used and to which this licence is appurtenant is

Lower Nicola Indian Reserve No. 9 "Nooaitch Grass", of which 12.5 acres may be irrigated.

(*h*) The works authorized hereunder are ditch and box

located as shown on the attached plan.

(*i*) This licence is issued in substitution of Conditional Water Licence No. 16949.

( A.F. Paget )

Deputy *Comptroller of Water Rights.*

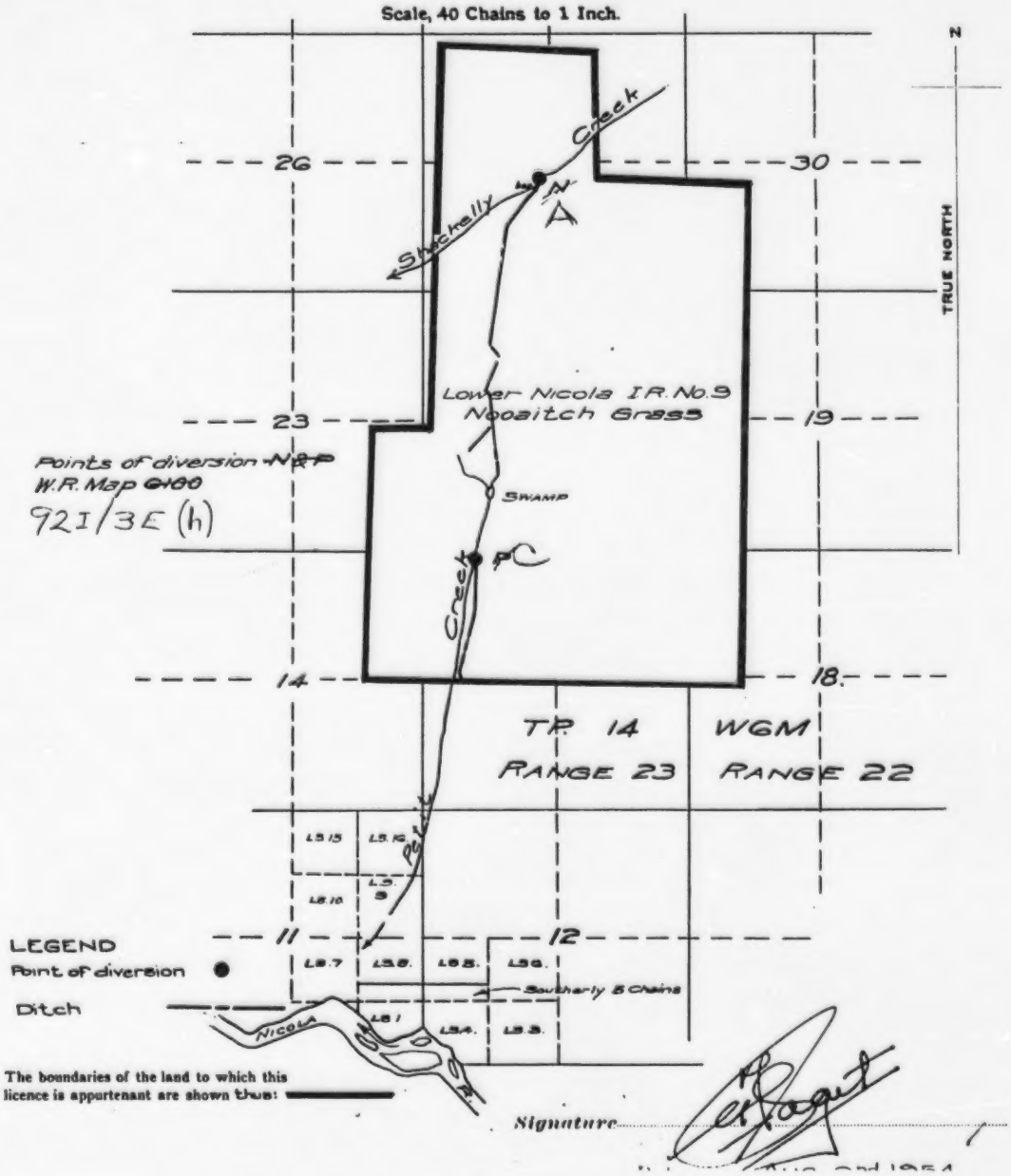
File No. 0157734 Date issued August 2nd, 1954. Licence No. 15572

8

# British Columbia.

To accompany Final Licence No. 15572

## NICOLA WATER DISTRICT.



PROVINCE OF
BRITISH COLUMBIA

DEPARTMENT OF LANDS, FORESTS,
AND WATER RESOURCES

# PERMIT UNDER THE WATER ACT AUTHORIZING THE OCCUPATION OF CROWN LAND

Department of Indian Affairs, Ottawa, Ontario

the holder(s) of ~~Conditional~~/Final Water Licence(s) 9968 authorizing
the diversion of water from James Creek
is/are hereby

authorized to occupy Crown land by constructing, maintaining, and operating thereon the works authorized under the said water licence and any licences which may be issued in substitution thereof.

(*a*) The Crown land which is authorized to be occupied under this permit is a portion of
Legal Subdivision 6 of Section 34, Township 13, Range 23, West 6th Meridian,

the location of which is shown approximately on the amended plan attached to the said water licence.

(*b*) The approximate dimensions of the Crown land authorized to be occupied under this permit are
1,350 feet in length and 15 feet in width, having an area of 0.465 acre.

(*c*) Subject to the payment of royalty, stumpage, and other compensation, and the obtaining of a licence to cut timber as provided under Condition 5, the permittee may cut and remove from the said land any timber, the removal of which is necessary to permit construction and maintenance of the said works.

(*d*) The annual rental for this permit is $ 2.00 , which is subject to review and revision at any time at the discretion of the Crown.

(*e*) This permit is appurtenant to the land, mine, or undertaking to which the aforesaid water licence is appurtenant.

(*f*) The conditions relative to the rights granted under this permit are printed on the back of this form.

D Bottrick
*Deputy Minister of Lands*

File No. 0241035

Ref. Map 92 I/SW (B-6)

W.R. Map 6050 Date issued: 18 September, 1972 Permit No. 8688

W.R.B. 12a— o

Replaced by
Permit # 11891

## CONDITIONS RELATIVE TO THE RIGHTS GRANTED UNDER THIS PERMIT

1. This permit is issued under the *Water Act*, and the rights hereby granted are subject at all times to the provisions of that Act and all Acts passed in amendment or substitution thereof and to all regulations from time to time made under any such Act.

2. There is reserved to the Crown the right to grant to other persons permits to occupy the land affected by this permit without compensation to the permittee or his successors in title.

3. In the event of any dispute arising at any time between the permittee and any owner of land adjacent to the land affected by this permit with respect to the area or boundaries of the land so affected, the licensee shall at his own expense, when so directed by the Deputy Minister of Lands, have the said land surveyed by a duly qualified surveyor, and shall likewise file with the Department of Lands, Forests, and Water Resources at Victoria, British Columbia, a plan showing the result of the survey.

4. This permit and the rights granted hereunder are subject always to compliance by the permittee with the terms of his water licence, and if the rights granted under the said licence should at any time be suspended or terminated, the rights granted under this permit are thereupon likewise suspended or terminated.

5. The amount of stumpage, royalty, and (or) compensation payable to the Crown by the permittee in respect of trees, including merchantable or young growth, cut, removed, damaged, or destroyed by the permittee, shall be the sum or sums fixed by the Forest Service of the Province of British Columbia. Prior to the cutting, destruction, or flooding of any timber, the permittee must apply for and obtain a licence to cut timber from the District Forester under the provisions of section 24 of the *Forest Act*.

PROVINCE OF
BRITISH COLUMBIA

DEPARTMENT OF ENVIRONMENT

# PERMIT UNDER THE WATER ACT AUTHORIZING THE OCCUPATION OF CROWN LAND

Nooaitch and Shackan Indian Bands of Merritt, B.C.

the holder(s) of Conditional/~~Final~~ Water Licence(s) 7618 authorizing W.R.R.
the diversion of water from Nicola River, Billy and Nuaitch Creeks,
is/are hereby

authorized to occupy Crown land by constructing, maintaining, and operating thereon the works authorized under the said water licence and any licences which may be issued in substitution thereof.

(*a*) The Crown land which is authorized to be occupied under this permit is a portion of
Southeast ¼ of Section 4, Township 15; Northeast ¼ of Section 32, Township 14; and Northeast ¼ of Section 10, Township 14, Range 23, West 6th Meridian,

the location of which is shown approximately on the attached plan. W.R.R.

(*b*) The approximate dimensions of the Crown land authorized to be occupied under this permit are
4100 feet in length and 15 feet in width, having an area of 1.41 acres.

(*c*) Subject to the payment of royalty, stumpage, and other compensation, and the obtaining of a licence to cut timber as provided under Condition 5, the permittee may cut and remove from the said land any timber, the removal of which is necessary to permit construction and maintenance of the said works.

(*d*) The annual rental for this permit is $2.00 , which is subject to review and revision at any time at the discretion of the Crown.

(*e*) This permit is appurtenant to the land, mine, or undertaking to which the aforesaid water licence is appurtenant.

(*f*) The conditions relative to the rights granted under this permit are printed on the back of this form.

W.R. Redel
*Assistant Deputy Minister of Environment*
*Lands Service*

File No. 0241036

Ref. Map 92II/9E

W.R. Map 6100/01

Date issued: 4th January 1977 Permit No. 10785

W.R.B. 13—e

# British Columbia

## NICOLA WATER DISTRICT

### KAMLOOPS DIVISION OF YALE DISTRICT

Scale: 80 Chains to 1 inch

**LEGEND**

Points of Diversion ●
W.R. Maps ~~6100~~ & 6101
Ditch — · —
Right of Way [redacted]

Signature [signature]

Date 4th Jan. 1977
R/W Permit 10785 for C.L. 7618
File 0241036

Spences Bridge Precinct

Province of British Columbia

Ministry of the Environment

# PERMIT UNDER THE WATER ACT AUTHORIZING THE OCCUPATION OF CROWN LAND

Nooaitch Indian Band of Box 188, Merritt, B.C.

the holder(s) of ~~Goodbooks~~ Final Water Licence(s) 9968 authorizing
the diversion of water from Roberts Creek, is/are hereby

authorized to occupy Crown land by constructing, maintaining, and operating thereon the works authorized under the said water licence and any licences which may be issued in substitution thereof.

(*a*) The Crown land which is authorized to be occupied under this permit is a portion of Legal Subdivision 6 of South West ¼ Section 34, Township 13, Range 23, West of the 6th Meridian,

the location of which is shown approximately on the ~~/~~ amended plan attached to the said water licence.

(*b*) The approximate dimensions of the Crown land authorized to be occupied under this permit are 1400 feet in length and 15 feet in width, having an area of 0.48 acre.

(*c*) Subject to the payment of royalty, stumpage, and other compensation, and the obtaining of a licence to cut timber as provided under Condition 5, the permittee may cut and remove from the said land any timber, the removal of which is necessary to permit construction and maintenance of the said works.

(*d*) The annual rental for this permit is $ 2.00 , which is subject to review and revision at any time at the discretion of the Crown.

(*e*) This permit is appurtenant to the land, mine, or undertaking to which the aforesaid water licence is appurtenant.

(*f*) The conditions relative to the rights granted under this permit are printed on the back of this form.

THIS PERMIT REPLACES PERMIT #8688 –

Deputy Minister of Environment

File No. 0241035

Ref. Map 92I/SW(B-6)

W. R. Map 6050 Date issued: 8th March, 1979 Permit No. 11891

W.R.B. 12

## CONDITIONS RELATIVE TO THE RIGHTS GRANTED UNDER THIS PERMIT

1. This permit is issued under the *Water Act*, and the rights hereby granted are subject at all times to the provisions of that Act and all Acts passed in amendment or substitution thereof and to all regulations from time to time made under any such Act.

2. There is reserved to the Crown the right to grant to other persons permits to occupy the land affected by this permit without compensation to the permittee or his successors in title.

3. In the event of any dispute arising at any time between the permittee and any owner of land adjacent to the land affected by this permit with respect to the area or boundaries of the land so affected, the licensee shall at his own expense, when so directed by the Deputy Minister of the Environment, have the said land surveyed by a duly qualified surveyor, and shall likewise file with the Ministry of the Environment at Victoria, British Columbia, a plan showing the result of the survey.

4. This permit and the rights granted hereunder are subject always to compliance by the permittee with the terms of his water licence, and if the rights granted under the said licence should at any time be suspended or terminated, the rights granted under this permit are thereupon likewise suspended or terminated.

5. The amount of stumpage, royalty, and (or) compensation payable to the Crown by the permittee in respect of trees, including merchantable or young growth, cut, removed, damaged, or destroyed by the permittee, shall be the sum or sums fixed by the Forest Service of the Province of British Columbia. Prior to the cutting, destruction, or flooding of any timber, the permittee must apply for and obtain a licence to cut timber from the District Forester.

Stream Register Report  Water Licence Information System

Report Requested By : DMOQUS
Date Report Requested : 1996/02/20 11:47
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : F053645 - 92.I.015.4.3 B
END POINT : S012020 - Alcock Spring

Stream Register Report

Water Licence Information System

DATE: 1996/02/20
TIME: 11:47
PAGE: 001

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| Source | | | WR Map | POD | RED POD Comments | | | | Prec | |
| 1888/09/26 | F009969 | 0241037 | 10 AC OF THE PORTION OF NOOAITCH IR 910 SITE OF NICOLA R KDYD | NOOAITCH INDIAN BAND<br>981-699-7260<br>BAG 6000<br>MERRITT BC<br>V0K2B0 | | DOM 1,000.00 GD<br>IRR 25.00 AF | Jan 01<br>Apr 01 | Dec 31<br>Sep 30 | | |
| Alcock Spring | | | WR92.I.015.4.3 | B | N | | | | 21C NIC - SPENCES BRIDGE | |
| Shack Spring | | | WR92.I.025.2.1 | B | N | | | | | |

---------- Total of 1 Licence Reported ----------

Stream Register Report  Water Licence Information System

Report Requested By : DHOOUS
Date Report Requested : 1996/02/27 11:39
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : PD53658 - 92.I.025.1.4 F
END POINT : 8012014 - Billy Creek left of Nicola River

| Priority YYYY/MM/DD | Licence File Number | Appurtenancy Number | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|
| Source | | WR Map | POD | RED POD Comments | | | | Proc | |
| 1888/09/26 | C007618 | 0241036 | 508 AC NOOAITCH IR LOWER NICOLA #10 KDYD | NOOAITCH INDIAN BAND<br>981-699-7260<br>BAG 6000<br>MERRITT BC<br>V0K2B0 | DOM<br>IRR | 7,500.00 GD<br>1,270.00 AF | Jan 01<br>Apr 01 | Dec 31<br>Sep 30 | |
| Billy Creek | | WR92.I.025.1.4 | G N | | | | | 21C NIC - SPENCES BRIDGE | |
| Nuaitch Creek | | WR92.I.015.4.1 | S N | | | | | | |
| Nuaitch Creek | | WR92.I.015.4.1 | A N | | | | | | |
| Billy Creek | | WR92.I.025.1.4 | F N | | | | | | |
| Nicola River | | WR92.I.025.2.1 | A N | | | | | | |

---------- Total of 1 Licence Reported ----------

Stream Register Report  Water Licence Information System

Report Requested By : DMOGUS
Date Report Requested : 1996/02/20 12:08
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : H0684 - Nicola Lake on Nicola River
END POINT : S0475 - Nicola River left of Thompson River

| Priority YYYY/MM/DD | Licence File Number | Appurtenancy Number | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|
| Source | | MR Map | POD | RED POD Comments | | | | Prec | |
| 1879/04/01 | C068656 | 0036574 | CHUTTER RANCH LTD | IRR | 948.65 AF | Apr 01 | Sep 30 | | |
| | | L 119 & 192 EXC PLAN 400, THAT PART O F L 962 LYING NW OF PLAN 400 & THAT PART OF L 1 OF L 398 PLAN 40772 LYING W OF DD8959 KDYD | PO BOX 2509 MERRITT BC V0K2B0 | | | | | | |
| Nicola River | | MR92.I.017.4.1 | F N | | | | | 21B NIC - MERRITT | |
| 1879/04/01 | C068657 | 3002071 | CHUTTER RANCH LTD | DM | 8,500.00 GD | Jan 01 | Dec 31 | MAXIMUM ANNUAL QUANTITY 730,500 GALLONS | |
| | | L 119, 192 & THAT PART NW 1/4 SEC 30 TP 93 & NE 1/4 SEC 24 TP 91 LYING LEF OF LEFT BANK NICOLA R EXC PLAN 400, T HAT PART L 962 LYING N & W OF PLAN400 & THAT PART L 1 OF L 398 PLAN 40772 L YING W OF DD8959 ALL KDYD | PO BOX 2509 MERRITT BC V0K2B0 | | | | | | |
| Nicola River | | MR92.I.017.4.1 | F N | | | | | 21B NIC - MERRITT | |
| 1888/09/26 | C007618 | 0241036 | NOOAITCH INDIAN BAND | DOM | 7,500.00 GD | Jan 01 | Dec 31 | | |
| | | 598 AC NOOAITCH IR LOWER NICOLA #10 KDYD | 981-699-7260 BAG 6000 MERRITT BC V0K2B0 | IRR | 1,270.00 AF | Apr 01 | Sep 30 | | |
| Nicola River | | MR92.I.025.2.1 | A N | | | | | 21C NIC - SPENCES BRIDGE | |
| Nuaitch Creek | | MR92.I.015.4.1 | B N | | | | | | |
| Nuaitch Creek | | MR92.I.015.4.1 | A N | | | | | | |
| Billy Creek | | MR92.I.025.1.4 | G N | | | | | | |
| Billy Creek | | MR92.I.025.1.4 | F N | | | | | | |

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | Source | | WR Map | POD | RED | POD Comments | | | Proc | |
| 1888/09/26 | C007799 | 0241039 | 571 AC OF SHACKAN IR #11 LOWER NICOLA KDYD | SHACKAN INDIAN BAND<br>981-698-7256<br>BOX 188<br>MERRITT BC<br>V0K2B0 | DOM<br>IRR | 15,000.00 GD<br>1,713.00 AF | Jan 01<br>Apr 01 | Dec 31<br>Sep 30 | | AND UNDER AMENDMENT |
| | Nicola River | | WR92.I.025.3.4 | C N | | | | | 21C NIC - SPENCES BRIDGE | |
| | Nicola River | | WR92.I.025.3.4 | B N | | | | | | |
| | Agate Creek | | WR92.I.025.3.4 | A N | | | | | | |
| | Nicola River | | WR92.I.035.1.1 | B N | | | | | | |
| | Skuhun Creek | | WR92.I.025.3.3 | A N | | | | | | |
| | Skuhun Creek | | WR92.I.025.3.3 | C N | | | | | | |
| | Mortimer Spring | | WR92.I.025.3.3 | B N | | | | | | |
| | Barber Spring | | WR92.I.025.3.3 | F N | | | | | | |
| | Barber Brook | | WR92.I.025.3.3 | G N | | | | | | |
| | Shakan Creek | | WR92.I.025.3.3 | E N | | | | | | |
| | Shakan Creek | | WR92.I.025.3.3 | D N | | | | | | |
| 1892/06/09 | C066905 | 0241653 | 123.7 AC OF L 137 KDYD EXC PLAN 298 & 22069 BLK 4, 5 & 6 OF L 137 PLAN 298 & THAT PART OF BLK 9 OF L 137 PLAN 928 LYING SE OF & HWY 8 (PLAN H14816) | STIRLING WILLIAM<br>STIRLING W RANCHES LTD<br>BOX 4202<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 309.00 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | WR92.I.016.1.3 | D N | | | | | 21A NIC - LOWER NICOLA | |
| 1893/06/24 | C049755 | 0241637 | 44.6 AC OF L 566 KDYD EXC CPR R/W PLAN 400 | LARSEN JENS J & BARBARA L<br>BOX 4355<br>LOWER NICOLA BC<br>V0K1Y0 | DOM<br>IRR | 500.00 GD<br>133.80 AF | Jan 01<br>Apr 01 | Dec 31<br>Sep 30 | | |
| | Nicola River | | WR92.I.025.1.4 | E N | | | | | 21C NIC - SPENCES BRIDGE | |
| 1905/06/27 | C107802 | 0241654 | THAT PART OF L A OF DL 127 KDYD PLAN 41396 LYING NORTH OF THE RIGHT BANK OF NICOLA RIVER | LATTA JOHN M & MYRTLE L<br>RR 2 COMP 8 SITE 22<br>MERRITT BC<br>V0K2B7 | IRR | 77.50 AF | Apr 01 | Sep 30 | C107797 RUBY GULCH IS SUPPLEMENTARY TO THIS LICENCE | |
| | Nicola River | | WR92.I.016.2.2 | L N | | | | | 21A NIC - LOWER NICOLA | |

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | Source | | NR Map | POD | RED | POD Comments | | | | Prec |
| 1905/06/27 | C107803 | 3002176 | THAT PART OF L 2 OF DL 127 KDYD PLAN 5397 EXC PLANS B7248 & 40995 LYING NORTH & EAST OF THE RIGHT BANK OF NICOLA RIVER | WATSON GERALD R & TERRY R<br>RR 2 COMP 7 SITE 22<br>MERRITT BC<br>V0K2B7 | IRR | 82.25 AF | Apr 01 | Sep 30 | C107798 RUBY GULCH IS SUPPLEMENTARY TO THIS LICENCE | |
| | Nicola River | | MR92.I.016.2.2 | L | N | | | | | 21A NIC - LOWER NICOLA |
| 1905/06/27 | F017315 | 0261654 | 49 AC OF L 1 OF L 127 KDYD PLAN 5397 EXC PLAN 6696 | SHULUS CATTLE CO LTD<br>RR 1 COMP 1 SITE 17<br>MERRITT BC<br>V0K2B0 | IRR | 122.50 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | MR92.I.016.2.2 | A | N | | | | | 21A NIC - LOWER NICOLA |
| 1905/07/06 | C068660 | 0019699 | L 188 & 192 & THAT PART SW 1/4 SEC 30 TP 93 LYING LEFT OF LEFT BANK OF NICOLA R EXC PLAN 400 ALL KDYD | CHUTTER RANCH LTD<br>PO BOX 2509<br>MERRITT BC<br>V0K2B0 | IRR | 218.40 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | MR92.I.017.4.1 | F | N | | | | | 21B NIC - MERRITT |
| 1905/07/06 | C068661 | 3002072 | L 188 & 494 & THAT PART L 666 SHOWN ON PLAN B3165 KDYD | CHUTTER RANCH LTD<br>PO BOX 2509<br>MERRITT BC<br>V0K2B0 | IRR | 381.60 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | MR92.I.017.4.1 | F | N | | | | | 21B NIC - MERRITT |
| 1905/07/06 | C068664 | 3002097 | L 119, 192 & PART SW 1/4 SEC 30 TP 93 & NE 1/4 SEC 24 TP 91 LYING LEFT OF LEFT BANK NICOLA R EXC PLAN 400; THAT PART L 962 LYING N & W OF PLAN 400; & THAT PART L 1 OF L 398 PLAN 40772 LYING W OF DD8959 ALL KDYD | CHUTTER RANCH LTD<br>PO BOX 2509<br>MERRITT BC<br>V0K2B0 | SW | 500.00 GD | Jan 01 | Dec 31 | | |
| | Nicola River | | MR92.I.017.4.1 | F | N | | | | | 21B NIC - MERRITT |

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| Source | | | MR Map | POD | RED | POD Comments | | | | Prec |
| 1907/06/17 | C068659 | 0035507 | L 494 & 769 KDYD | CHUTTER RANCH LTD<br>PO BOX 2509<br>MERRITT BC<br>V0K2B0 | IRR | 132.50 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | MR92.I.017.4.1 | F | N | | | | | 21B NIC - MERRITT |
| 1907/06/17 | C068663 | 3002098 | L 119, 192 & THAT PART SW 1/4 SEC 30 TP 93 & NE 1/4 SEC 24 TP 91 LYING LEFT OF LEFT BANK OF NICOLA R EXC PLA N 400; THAT PART L 962 LYING N & W OF PLAN 400 & THAT PART L 1 OF L 398 PLAN 40772 LYING W OF DD8959 ALL KDYD | CHUTTER RANCH LTD<br>PO BOX 2509<br>MERRITT BC<br>V0K2B0 | SW | 500.00 GD | Jan 01 | Dec 31 | | |
| Nicola River | | | MR92.I.017.4.1 | F | N | | | | | 21B NIC - MERRITT |
| 1909/02/16 | C063076 | 0370576 | 1.5 AC OF L 1 OF L 1022 KDYD PLAN 31681 | BAKER JAMES A<br>BOX 4189<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 4.50 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | MR92.I.015.2.4 | N | N | | | | | 21B NIC - MERRITT |
| 1909/02/16 | F050527 | 0241677 | 14.5 AC OF THAT PART OF L 1022 KDYD LYING N & E OF ROAD SHOWN ON PLAN 2313 | BONNETEAU GEORGE & KAREN<br>RR 2 COMP 9 SITE 22<br>MERRITT BC<br>V0K2B0 | IRR | 43.50 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | MR92.I.015.2.4 | N | N | | | | | 21B NIC - MERRITT |
| 1909/03/16 | F005669 | 0241678 | 11.8 AC OF L 130 KDYD | NEALE BROS RANCH<br>BOX 1060<br>MERRITT BC<br>V0K2B0 | DOM<br>IRR | 500.00 GD<br>34.00 AF | Jan 01<br>Apr 01 | Dec 31<br>Sep 30 | | |
| Nicola River | | | MR92.I.016.2.3 | L | N | | | | | 21B NIC - MERRITT |

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| Source | | | NR Map | POD RED POD Comments | | | | | Prec | |
| 1914/04/07 | C054076 | 0265400 | 79.5 AC OF L 6 - 22 INCL OF L 136 KDYD PLAN 928 | GARDNER RANCH LTD<br>BOX 40<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 199.00 AF | Apr 01 | Sep 30 | | A/A APPORTIONMENT PEND |
| Nicola River | | | | MR92.I.016.1.4 A N | | | | | | |
| Nicola River | | | | MR92.I.016.1.4 Q N | | | | | 21B NIC - MERRITT | |
| 1918/04/11 | C068658 | 0004673 | L 120, 168, 169, 186, 187, 769, 1148 & 1304 EXC PART LYING WITHIN L 614 & SE 1/4 SEC 24 TP 91 KDYD | CHUTTER RANCH LTD<br>PO BOX 2509<br>MERRITT BC<br>V0KJB0 | IRR | 390.00 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | | MR92.I.017.4.1 F N | | | | | 21B NIC - MERRITT | |
| 1922/04/28 | C110115 | 0038712 | 9.0 ACS OF THOSE PARTS OF PCL A SE 1/4 SEC 1 TP 14 R 23 W6M EXC PLAN KAP49445 & SW 1/4 OF SEC 6 TP 14 R 22 W6M ALL LYING SOUTH OF PLAN M14816 & EAST OF A SOUTHERLY PRODUCTION OF W EST BOUNDARY OF PLAN 31693 KDYD | CARNEGIE DOUGLAS R<br>847 11 ST E<br>NORTH VANCOUVER BC<br>V7L2J2 | IRR | 22.50 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | | MR92.I.015.2.4 A N | | | | | 21C NIC - SPENCES BRIDGE | |
| 1929/12/07 | C066949 | 0089704 | 40 AC OF L 1 OF L 132 KDYD PLAN 3358 | KUIPER MINO J & NELLIE<br>18389 FORD RD<br>PITT MEADOWS BC<br>V3Y1Z1 | IRR | 100.00 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | | MR92.I.016.1.4 S N | | | | | 21A NIC - LOWER NICOLA | |
| 1931/04/23 | C060715 | 0099323 | 132.11 AC OF L 134 EXC PLAN 16161 & 18579 ALL OF KDYD | MILLER RANCHES LTD<br>GD<br>HANCEVILLE BC<br>V0L1E0 | DOM<br>IRR | 2,000.00 GD<br>396.32 AF | Jan 01<br>Apr 01 | Dec 31<br>Sep 30 | | AMD UNDER AMENDMENT |
| Nicola River | | | | MR92.I.016.1.4 M N | | | | | | |
| Nicola River | | | | MR92.I.016.1.4 L N | | | | | 21A NIC - LOWER NICOLA | |

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | Source | | MR Map | POD | RED | POD Comments | | | Prec | |
| 1938/06/02 | F020556 | 0281398 | 7 AC OF L 1-13 INCL BLK 1 OF L 137 KDYD PLAN 928 | MAASKE WOLFGANG D & SUSAN<br>BOX 4315<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 7.00 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | MR92.I.016.1.3 | B | N | | | | 21A NIC - LOWER NICOLA | |
| 1938/06/02 | F050166 | 0131063 | 2 AC OF L 14 & 15 BLK 1 OF L 137 KDYD PLAN 928 | RAMSEY EDITH M<br>BOX 4172<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 2.00 AF | Apr 01 | Sep 30 | | A/A APPORTIONMENT PEND |
| | Nicola River | | MR92.I.016.1.3 | C | N | | | | 21A NIC - LOWER NICOLA | |
| 1941/02/07 | C050163 | 0142858 | 134 AC OF L 126 & 176 GP 1 KDYD EXC PLAN B583 561 11119 11987 & 12017 | COLLETT RANCH LTD<br>PO BOX 816<br>MERRITT BC<br>V0K2B0 | IRR | 335.00 AF | Apr 01 | Sep 30 | | A/A APPORTIONMENT PEND |
| | Nicola River | | MR92.I.016.2.2 | G | Y | REDIVERSION FROM D3 6052B COLDWATER R | | | 21B NIC - MERRITT | |
| | Coldwater River | | MR92.I.017.1.1.1 | A | N | REDIVERSION AT O 92.I.016.2.2 NICOLA R | | | | |
| 1944/03/08 | F015609 | 0152045 | 34 AC OF THAT PART OF L 93 KDYD LYING S OF CPR R/W & L 94 | CURNOW THOMAS R & MARY E<br>BOX 63<br>SPENCES BRIDGE BC<br>V0K2L0 | IRR<br>PRES | 102.00 AF<br>50.00 CS | Apr 01<br>Jan 01 | Sep 30<br>Dec 31 | | |
| | Nicola River | | MR92.I.044.1.2 | B | N | | | | 21C NIC - SPENCES BRIDGE | |
| 1946/01/17 | C017029 | 0159188 | 30 AC OF IR #10 NOOAITCH KDYD LYING E OF NICOLA R & N & S OF SHACKELLY CR KDYD | NOOAITCH INDIAN BAND<br>981-699-7260<br>BAG 6000<br>MERRITT BC<br>V0K2B0 | INR | 90.00 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | MR92.I.015.4.3 | A | N | | | | 21C NIC - SPENCES BRIDGE | |

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| Source | | | MR Map | POD RED POD Comments | | | | | Prec | |
| 1949/02/07 | C110655 | 0177422 | SEE FILE | COQUIHALLA DEVELOPMENTS CORP<br>BOX 4000<br>MERRITT BC<br>V0K2B0 | IRR | 1,300.00 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | MR92.I.017.4.1 | E N | | | | | 21A NIC - LOWER NICOLA | |
| 1960/06/01 | C026215 | 0231303 | MILLSITE SIT ON L 1915 KDYD AS SHOWN ON ATTACHED PLAN | CRAIGMONT MINES<br>320 1639 W 2 AVE<br>VANCOUVER BC<br>V6J1H3 | MNORE | 1,300,000.00 GD | Jan 01 | Dec 31 | | AMD UNDER AMENDMENT |
| Nicola River | | | MR92.I.016.2.3 | E N | | | | | 21A NIC - LOWER NICOLA | |
| 1963/11/19 | F019951 | 0247217 | L 1 OF L 174 KDYD PLAN 8212 | MORGAARD READY MIX LTD<br>RR 1<br>MERRITT B C<br>V0K2B0 | PROCE | 8,000.00 GD | Jan 01 | Dec 31 | | AMD UNDER AMENDMENT |
| Nicola River | | | MR92.I.016.2.2 | D N | | | | | 21A NIC - LOWER NICOLA | |
| 1963/01/28 | C028345 | 0248068 | 10 AC OF FRAC LS S & S OF SEC 16 TP 16 R 24 W6M LYING W OF NICOLA R & EXC CPR R/W | STEPHENSON GEORGE W & KATHLEEN<br>14-7401 CENTRAL SAANICH<br>SAANICHTON BC<br>V8M2B5 | IRR | 30.00 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | MR92.I.034.2.4 | A N | | | | | 21C NIC - SPENCES BRIDGE | |
| 1963/01/29 | C028343 | 0248066 | 10 AC OF THAT PART OF THE SW 1/4 OF SEC 32 TP 16 R 24 W6M LYING N OF NICOLA R | HARMARD JOANNE<br>PO BOX 5<br>SPENCES BRIDGE B C<br>V0K2L0 | IRR | 30.00 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | MR92.I.034.4.3 | B N | | | | | 21C NIC - SPENCES BRIDGE | |

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | Source | | WR Map | POD RED POD Comments | | | | | Prec | |
| 1964/03/13 | C029530 | 0255576 | 75 AC OF FRAC LS 6 W 1/2 LS 7 & THOSE PART OF LS 3,5,11 & 12 KDYD LYING N & E OF NICOLA R SEC 10 TP 16 R 24 W6M EXC CPR R/W PLAN 400 | CHAMPLAIN SERVICE CORP<br>BOX 8<br>SPENCES BRIDGE BC<br>V0K2L0 | DOM<br>IRR | 1,000.00 GD<br>187.50 AF | Jan 01<br>Apr 01 | Dec 31<br>Sep 30 | | |
| | Nicola River | | WR92.I.034.2.4 | D N | | | | | 21C NIC - SPENCES BRIDGE | |
| 1965/04/01 | C061110 | 0261514 | 50.1 AC OF L A OF L 121, 123 & 171 KDYD PLAN 30934 EXC THOSE PARTS LYING ON THE R OF NICOLA R | GARTHWAITE GRETA A<br>PO BOX 489<br>MERRITT BC<br>V0K2B0 | IRR | 100.20 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | WR92.I.017.1.1.4 | C N | | | | | 21B NIC - MERRITT | |
| 1965/04/01 | C061111 | 3000518 | 65 AC OF SW 1/4 SEC 14 TP 91 KDYD EXC PLAN 15455, 20769 COQUINALLA HWY (DPX 6475) | GARTHWAITE GRETA A<br>PO BOX 489<br>MERRITT BC<br>V0K2B0 | IRR | 130.00 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | WR92.I.017.1.1.2 | A N | | | | | 21B NIC - MERRITT | |
| 1965/04/12 | C031187 | 0261536 | 100 AC OF THAT PART OF NE 1/4 OF SEC 22 TP 21 W6M LYING S OF KAM MERRITT HWY & THAT PART OF L 121 KDYD SIMON ON PLAN B3822 EXC PLAN A 2605, B039 & 15631 | NICOLA VALLEY INDIAN SERVICES ASSOC<br>BOX 188<br>MERRITT BC<br>V0K2B0 | IRR | 250.00 AF | Apr 01 | Sep 30 | | A/A APPORTIONMENT PEND |
| | Nicola River | | WR92.I.017.1.1.4 | A N | | | | | 21A NIC - LOWER NICOLA | |
| 1965/07/13 | C031416 | 0263420 | 60 AC OF L 130 KDYD | MEALE BROS RANCH<br>BOX 1060<br>MERRITT BC<br>V0K2B0 | IRR | 120.00 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | WR92.I.016.2.3 | L N | | | | | 21B NIC - MERRITT | |

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| Source | | | MR Map | POD RED POD Comments | | | | | Prec | |
| 1965/09/15 | C033648 | 0264410 | 5 AC OF PART OF NE 1/4 SEC 29 TP 16 R 4 W6M LYING NE OF NICOLA R EXC MERRITT-SPENCES BR HWY | O'GRADY PATRICIA<br>BOX 148<br>SPENCES BRIDGE BC<br>V0K2L0 | IRR | 12.50 AF | Apr 01 | Sep 30 | | AMD UNDER AMENDMENT |
| Nicola River | | | MR92.I.034.4.3 | E N | | | | | 21C NIC - SPENCES BRIDGE | |
| 1966/06/23 | C032099 | 0270101 | 60 AC OF L 93 KDYD LYING S OF CPR R/W | CURNON THOMAS & MARY E<br>BOX 63<br>SPENCES BRIDGES BC<br>V0K2L0 | IRR | 100.00 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | MR92.I.044.1.4 | D N | | | | | 21C NIC - SPENCES BRIDGE | |
| 1966/09/19 | C037181 | 0269388 | 21.4 AC OF THAT PART OF L 124 KDYD AS SHOWN ON PLAN B873 EXC PLAN 14495 & 18168 | BOUCHARD LAURENT J & GERMAINE M<br>BOX 344<br>MERRITT BC<br>V0K2B0 | IRR | 53.50 AF | Apr 01 | Sep 30 | | A/A APPORTIONMENT PEND |
| Nicola River | | | MR92.I.017.1.1.3 | D N | | | | | 21B NIC - MERRITT | |
| 1966/10/07 | F051490 | 0329938 | 14.5 AC OF THAT PART OF L 3006 KDYD LYING N & W OF RD SHOWN ON PLAN 23138 | JOHNSON RONALD R & THELMA J<br>BOX 2838<br>MERRITT B C<br>V0K2B0 | IRR | 43.50 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | MR92.I.016.1.3 | H N | | | | | 21B NIC - MERRITT | |
| 1966/10/07 | F051491 | 0270652 | 26 AC OF THAT PART OF L 1022 KDYD LYING N & W OF RD SHOWN ON PLAN 23138 | BONNETEAU GEORGE & KAREN<br>RR 2 COMP 9 SITE 22<br>MERRITT BC<br>V0K2B0 | IRR | 78.00 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | MR92.I.015.2.4 | H N | | | | | 21B NIC - MERRITT | |

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | Source | | WR Map | POD RED POD Comments | | | | | Proc | |
| 1966/12/19 | C037182 | 0290958 | 60 AC OF THAT PART OF L 124 KDYD AS SHOWN ON PLAN B1611 & LYING W OF HWY 85 | MERRITT CITY OF<br>BOX 189<br>MERRITT BC<br>V0K2B0 | IRRLA | 150.00 AF | Apr 01 | Sep 30 | | A/A APPORTIONMENT PEND |
| | Nicola River | | WR92.I.017.1.1.3 | A N | | | | | 21A NIC - LOWER NICOLA | |
| 1966/12/19 | C037183 | 0290959 | 4 AC OF L 1 OF L 124 KDYD PLAN 18160 | SCHOOL DISTRICT NO 31 MERRITT<br>PO BAG 4100<br>MERRITT BC<br>V0K2B0 | IRR | 10.00 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | WR92.I.017.1.1.4 | B N | | | | | 21B NIC - MERRITT | |
| 1967/02/27 | F050163 | 0273087 | L 1 OF L 174 KDYD PLAN 8212 | MORGAARD READY MIX LTD<br>RR 1<br>MERRITT B.C<br>V0K2B0 | PROCE | 25,000.00 GD | Jan 01 | Dec 31 | | AMD UNDER AMENDMENT |
| | Nicola River | | WR92.I.016.2.2 | D N | | | | | 21A NIC - LOWER NICOLA | |
| 1967/03/03 | F046068 | 0273110 | 1.5 AC OF L 1 OF L 3512 KDYD PLAN 16104 | WITT PAUL A<br>PO BOX 1356<br>MERRITT BC<br>V0K2B0 | IRR | 4.50 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | WR92.I.016.1.3 | F N | | | | | 21A NIC - LOWER NICOLA | |
| 1967/03/07 | C057282 | 0273126 | 45 AC OF L 134 KDYD EXC PLAN 16161 & 18579 | MILLER RANCHES LTD<br>GD<br>HANCEVILLE BC<br>V0L1K0 | IRR | 135.00 AF | Apr 01 | Sep 30 | | AMD UNDER AMENDMENT |
| | Nicola River | | WR92.I.016.1.3 | L N | | | | | 21A NIC - LOWER NICOLA | |

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| Source | | MR Map | | POD RED POD Comments | | | | | Proc | |
| 1967/04/28 | C032707 | 0273359 | 15 AC OF FRAC LS 10 & 15 OF SEC 3 TP 16 R 24 W6M EXC CPR R/W PLAN 400 & MERRITT-SPENCES BRIDGE HWY | SMITH ROBERT N<br>SMITH CLIFFORD<br>BOX 8<br>SPENCES BRIDGE BC<br>V0K2L0 | IRR | 30.00 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | MR92.I.034.2.2 | C N | | | | | 21C NIC - SPENCES BRIDGE | |
| 1967/11/06 | C033395 | 0273428 | 15 AC OF FRAC LS 4 OF SEC 15 LYING N OF NICOLA R & SW OF CPR R/W & FRAC LS 1 OF SEC 16 LYING E OF NICOLA R TP 16 R 24 W6M | WYATT-PURDEN DOUGLAS & MARLYN<br>PO BOX 128<br>SPENCES BRIDGE BC<br>V0K2L0 | DOM<br>IRR | 500.00 GD<br>45.00 AF | Jan 01<br>Apr 01 | Dec 31<br>Sep 30 | | |
| Nicola River<br>Nicola River | | | MR92.I.034.2.4<br>MR92.I.034.2.4 | C N<br>B N | | | | | 21C NIC - SPENCES BRIDGE | |
| 1968/06/10 | C034295 | 0281233 | 50 AC OF L 1024 KDYD EXC CPR R/W | BERGH STEPHEN M<br>WOODS PATRICIA A<br>BOX 187<br>CAMPBELL RIVER BC<br>V9W5A7 | IRR | 150.00 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | MR92.I.025.3.2 | A N | | | | | 21C NIC - SPENCES BRIDGE | |
| 1969/01/22 | F049864 | 0285153 | 4 AC OF L 1 OF L 134 KDYD PLAN 8579 | STADELE HANS & ANNE MARIE<br>BOX 10<br>LOWER NICOLA B C<br>V0K1Y0 | IRR | 12.00 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | MR92.I.016.1.4 | K N | | | | | 21A NIC - LOWER NICOLA | |
| 1969/04/02 | C036002 | 0285351 | 40 AC OF FRAC LS 15 & 16 OF SEC 34 TP 15 FRAC LS 1,7 & 8 OF SEC 3 TP 16 R 24 W6M | MOSES MAY<br>BOX 4193<br>LOWER NICOLA BC<br>V0K1Y0 | DOM<br>IRR | 1,000.00 GD<br>80.00 AF | Jan 01<br>Apr 01 | Dec 31<br>Sep 30 | | |
| Nicola River<br>Nicola River | | | MR92.I.034.2.4<br>MR92.I.034.2.4 | A N<br>B N | | | | | 21C NIC - SPENCES BRIDGE | |

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| Source | | | MR Map | POD | RED POD Comments | | | | Prec | |
| 1970/04/03 | C109969 | 0296217 | 1.3 ACS OF LOT 1 SEC 11 TP 14 R 23 W6 H KDYD PLAN 36753 | WOODS CHARLES L<br>WARE BEVERLY J<br>BOX 172<br>MERRITT BC<br>V0K2B0 | DOM<br>IRR | 500.00 GD<br>3.90 AF | Jan 01<br>Apr 01 | Dec 31<br>Sep 30 | | |
| Nicola River | | | MR92.I.015.4.2 | B N | | | | | 21C NIC - SPENCES BRIDGE | |
| Nicola River | | | MR92.I.015.4.2 | C N | | | | | | |
| 1970/10/26 | C040819 | 0300359 | 2.8 AC OF BLK A OF SEC 29 TP 16 R 24 W6M | LANARO NICOLA<br>PO BOX 1212<br>MERRITT B C<br>V0K2B0 | IRR | 7.00 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | MR92.I.034.4.3 | D N | | | | | 21C NIC - SPENCES BRIDGE | |
| 1971/06/26 | C040987 | 0305183 | 20 AC OF NE 1/4 OF SEC 31 TP 16 R 24 W6M EXC CPR R/W PLAN 400 & HWY 88 | JEFFRIES LIIS<br>BOX 1662<br>MERRITT BC<br>V0K2B0 | IRR | 60.00 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | MR92.I.034.4.3 | A N | | | | | 21C NIC - SPENCES BRIDGE | |
| 1972/03/07 | C043325 | 0309696 | 12 AC OF BLK A OF LS 3 & 4 OF SEC | SMITH CLIFFORD & JOYCE<br>BOX 8<br>SPENCES BRIDGE BC<br>V0K2L0 | IRR | 36.00 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | MR92.I.034.4.1 | A N | | | | | 21C NIC - SPENCES BRIDGE | |
| 1972/04/04 | F050528 | 0309891 | 24 AC OF L A OF L 3006 KDYD PLAN 23138 | TORGERSON GLEN & LOIS<br>BOX 4105<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 72.00 AF | Apr 01 | Sep 30 | | |
| Nicola River | | | MR92.I.016.1.3 | J N | | | | | 21B NIC - MERRITT | |

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | Source | | MR Map | POD RED POD Comments | | | | | Prec | |
| 1973/06/01 | P069863 | 0317007 | 8 AC OF BLK B OF L 4101 KDYD | MAASKE WOLFGANG D & SUSAN<br>BOX 4315<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 24.00 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | MR92.I.015.2.4 | D N | | | | | 21A NIC - LOWER NICOLA | |
| 1974/01/09 | C048919 | 0322426 | 12 AC OF THAT PART FRAC W 1/4 OF SEC 6 TP 17 R 26 W6M LYING W OF NICOLA R EXC CPR R/W PLAN 600 | BOUTIN PIERRE P<br>NELSON DAVID M<br>PO BOX 136<br>ASHCROFT BC<br>V0K1A0 | IRR | 36.00 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | MR92.I.044.2.1 | A N | | | | | 21C NIC - SPENCES BRIDGE | |
| 1974/02/11 | C044011 | 0322605 | 4 AC OF L A OF L 1610 KDYD PLAN 23855 | TURCHAK STEPHEN F & KELLY<br>BOX 1305<br>MERRITT BC<br>V0K2B0 | IRR | 10.00 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | MR92.I.016.1.3 | H N | | | | | 21B NIC - MERRITT | |
| 1974/03/14 | P050529 | 0322731 | 52 AC OF L 126 KDYD EXC PLAN B583, 561, 11119, 11987 & 12017 | COLLETT RANCH LTD<br>PO BOX 816<br>MERRITT BC<br>V0K2B0 | IRR | 130.00 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | MR92.I.016.2.2 | G N | | | | | 21B NIC - MERRITT | |
| 1974/03/25 | C068316 | 0322780 | 50 AC OF L 1610 KDYD EXC PLAN 23855 & 33470 | SOLECKI JONATHAN D & CYNTHIA M<br>BOX 4220<br>LOWER NICOLA B C<br>V0K1Y0 | IRR | 125.00 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | MR92.I.016.1.3 | L N | | | | | 21B NIC - MERRITT | |

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | Source | | MR Map | POD | RED POD Comments | | | | Prec | |
| 1974/03/25 | C068317 | 0370963 | 10 AC OF L 1 OF L 1610 KDYD PLAN 33470 | VICHERT BRUCE M<br>KLAUDT SIMON L<br>PO BOX 4307<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 25.00 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | MR92.I.016.1.3 | M | N | | | | 21B NIC - MERRITT | |
| 1975/04/24 | C110113 | 0328707 | 20 AC OF PART OF SE 1/4 SEC 1 & SW 1/4 SEC 6 OF L 137 KDYD (SEE FILE) | CARNEGIE DOUGLAS R<br>847 11 ST E<br>NORTH VANCOUVER BC<br>V7L2J2 | IRR | 50.00 AF | Apr 01 | Aug 15 | | |
| | Nicola River | | MR92.I.015.2.4 | A | N | | | | 21C NIC - SPENCES BRIDGE | |
| 1975/08/21 | C067164 | 0329379 | 84 AC OF BLK 3 4 5 6 7 & 9 OF L 137 PLAN 928 EXC PLAN H-14816 & L 137 PLAN 928 22069 DD 3707 & 400 & BLK A OF L 4239 & BLK A OF SEC 6 TP 16 R 22 W6M ALL OF KDYD | STIRLING WILLIAM<br>STIRLING W RANCHES LTD<br>BOX 4202<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 210.00 AF | Apr 01 | Aug 15 | | A/A APPORTIONMENT PEND |
| | Nicola River | | MR92.I.016.1.3 | D | N | | | | 21A NIC - LOWER NICOLA | |
| 1975/08/21 | C067165 | 3001514 | 10 AC OF BLK 2 OF L 137 KDYD PLAN 928 | MONTGOMERY PAUL F & HEATHER A<br>PO BOX 4324<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 25.00 AF | Apr 01 | Aug 15 | | |
| | Nicola River | | MR92.I.016.1.3 | V | N | | | | 21A NIC - LOWER NICOLA | |
| 1975/08/21 | C067166 | 3001515 | 6 AC OF BLK 8 OF L 137 KDYD PLAN 928 | CRACK DAVID T & KATHRYN E<br>BOX 4067<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 15.00 AF | Apr 01 | Aug 15 | | |
| | Nicola River | | MR92.I.016.1.3 | W | N | | | | 21A NIC - LOWER NICOLA | |

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | Source | | MR Map | POD RED POD Comments | | | | | Prec | |
| 1976/06/21 | C049068 | 0338863 | 10 AC OF PART FRAC LS 16 SEC 16 TP 16 R 24 W6M LYING W OF NICOLA R & E OF CPR R/W PLAN 400 | BULMER GARNET A & JOAN K<br>BOX 113<br>SPENCES BRIDGE BC<br>V0K2L0 | IRR | 30.00 AF | Apr 01 | Sep 30 | | AMD UNDER AMENDMENT |
| | Nicola River | | MR92.I.034.4.2 | D N | | | | | 21C NIC - SPENCES BRIDGE | |
| 1976/07/22 | C050396 | 0340017 | 15 AC OF THAT PART OF L 398 KDYD LYING W OF PLAN B876 EXC PLAN DD 1298 | DOUGLAS LAKE CATTLE CO LTD<br>GD<br>DOUGLAS LAKE BC<br>V0E1S0 | IRR | 45.00 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | MR92.I.017.4.1 | F N | | | | | 21B NIC - MERRITT | |
| | Nicola River | | MR92.I.017.4.1 | G N | | | | | | |
| 1977/06/03 | C050391 | 0341368 | 0.5 AC OF L A OF L 137 KDYD PLAN 22069 | DAVIS ROBERT G & INGRID H<br>BOX 1596<br>MERRITT B C<br>V0K2B0 | IRR | 1.25 AF | Apr 01 | Sep 30 | | |
| | Nicola River | | MR92.I.016.1.3 | G N | | | | | 21A NIC - LOWER NICOLA | |
| 1977/07/26 | C054078 | 0341767 | 90.5 AC OF L 1 - 22 INCL OF L 136 KDYD PLAN 928 EXC THAT PART SHOWN AS ROAD ON PLAN 23855 | GARDNER RANCH LTD<br>BOX 40<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 226.50 AF | Apr 01 | Sep 30 | | A/A APPORTIONMENT PEND |
| | Nicola River | | MR92.I.016.1.4 | A N | | | | | 21B NIC - MERRITT | |
| | Nicola River | | MR92.I.016.1.3 | Q N | | | | | | |
| 1977/09/09 | C051604 | 0342048 | 85 AC OF L 1023 KDYD EXC PLAN B1625 & DD 4919; LS 4 & 5 OF SEC 16 TP 15 R 23 W6M LYING W OF NICOLA R | GORDON CREEK RANCH<br>BOX 309<br>MERRITT BC<br>V0K2B0 | IRR | 212.50 AF | Apr 01 | Sep 30 | | AMD UNDER AMENDMENT |
| | Nicola River | | MR92.I.025.3.2 | E N | | | | | 21C NIC - SPENCES BRIDGE | |

| Priority YYYY/MM/DD | Licence File Number | Appurtenancy Number | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|
| | Source | WR Map | POD RED POD Comments | | | | | Proc | |
| 1977/09/09 | C051605 | 0342047 22 AC OF L 566 KDYD | LARSEN JENS J & BARBARA L<br>BOX 4355<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 55.00 AF | Apr 01 | Sep 30 | | |
| | Nicola River | WR92.I.025.1.4 | E N | | | | | 21C NIC - SPENCES BRIDGE | |
| 1977/10/17 | Z103144 | 0342195 L 1610 KDYD EXC PLAN 23855 | SOLECKI JONATHAN D & CYNTHIA M<br>BOX 4220<br>LOWER NICOLA B C<br>V0K1Y0 | IRR | 200.00 AF | Apr 01 | Sep 30 | | APP APPLIC-CLEARED |
| | Nicola River | WR92.I.016.1.3 | L N | | | | | 21B NIC - MERRITT | |
| 1978/03/22 | C053593 | 0342858 20 AC OF THAT PART OF L 131 KDYD LYING S OF CPR R/W PLAN 400 | SHULUS CATTLE CO LTD<br>RR 1 COMP 1 SITE 17<br>MERRITT BC<br>V0K2B0 | IRR | 50.00 AF | Apr 01 | Jul 31 | | |
| | Nicola River | WR92.I.016.2.3 | N N REDIVERSION AT G 9.J.016.2.3 BEVAN SLOUG | | | | | 21A NIC - LOWER NICOLA | |
| | Bevan Slough | WR92.I.016.2.3 | G Y REDIVERSION FROM N 92.J.016.2.3 NICOLA R | | | | | | |
| 1978/11/22 | Z103199 | 0364906 L B OF L 138 KDYD PLAN 9423 | WIEBE GEORGE & MARY<br>GD<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 1.00 AF | Apr 01 | Sep 30 | | APP APPLIC-CLEARED |
| | Nicola River | WR92.I.015.2.4 | F N | | | | | 21C NIC - SPENCES BRIDGE | |
| 1979/03/05 | Z103196 | 0365276 PART OF SEC 1 TP 14 R 23 W6M | WILLIAMS JOHN M<br>DUNCAN LOIS A<br>BOX 1037<br>MERRITT BC<br>V0K2B0 | IRR | 120.00 AF | Apr 01 | Sep 30 | | APP APPLIC-CLEARED |
| | Nicola River | WR92.I.015.2.4 | C N | | | | | 21C NIC - SPENCES BRIDGE | |

| Priority YYYY/MM/DD | Licence File Number | Appurtenancy Number | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|
| Source | | NR Map | POD RED POD Comments | | | | | Prec | |
| 1979/03/26 | 2103145 | 0365350 L 32 OF L 124 KDYD PLAN 747 | MCCALLUM F L<br>BOX 13<br>MERRITT BC<br>V0K2B0 | IRR | 2.00 AF | Apr 01 | Sep 30 | | APP APPLIC-CLEARED |
| Nicola River | | NR92.I.017.1.1.3 | C N | | | | | 21B NIC - MERRITT | |
| 1979/06/22 | 2103146 | 0365832 L 534 KDYD | MEALE BROS RANCH<br>BOX 1060<br>MERRITT BC<br>V0K2B0 | IRR | 100.00 AF | Apr 01 | Sep 30 | | APP APPLIC-CLEARED |
| Nicola River | | NR92.I.016.2.2 | H N | | | | | 21B NIC - MERRITT | |
| 1980/02/19 | 2103099 | 0366054 L 153 KDYD | POZZOBON MARINO<br>GD<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 200.00 AF | Apr 01 | Sep 30 | | APP APPLIC-CLEARED |
| Nicola River | | NR92.I.016.1.3 | T N | | | | | 21A NIC - LOWER NICOLA | |
| 1981/03/27 | 2103147 | 0368191 E 1/2 OF L 158 KDYD | GAVELIN SETT A<br>BOX 4110<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 50.00 AF | Apr 01 | Sep 30 | | APP APPLIC-CLEARED |
| Nicola River | | NR92.I.016.1.4 | D N | | | | | 21B NIC - MERRITT | |
| 1981/09/29 | 2103107 | 0369300 DL 1790 & DL 4662 KDYD | MILLER F D & L A<br>PO BOX 2669<br>MERRITT BC<br>V0K2B0 | IRR | 600.00 AF | Apr 01 | Sep 30 | | APP APPLIC-CLEARED |
| Nicola River | | NR92.I.016.1.4 | S N | | | | | 21A NIC - LOWER NICOLA | |

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | Source | | MR Map | POD RED POD Comments | | | | | Prac | |
| 1983/07/14 | C064716 | 0370764 | CONSERVATION PROJECT OF LICENSEE IN THE NICOLA R | FISHERIES & OCEANS CANADA<br>400 - 555 W HASTINGS ST<br>VANCOUVER BC<br>V6B5G3 | STONP<br>CONUS | 10,000.00 AF<br>60.00 CS | Jan 01<br>Jan 01 | Dec 31<br>Dec 31 | STOR IN NICOLA LK<br>PROTECTION OF FISH | |
| | Nicola River | | MR92.I.017.4.1 | N N | | | | | 21A NIC - LOWER NICOLA | |
| 1983/07/14 | C064717 | 3000362 | LICENCE IS APPURTENANT TO THE LICENSEES UNDERTAKING WITHIN THE NICOLA R WATERSHED & THE LANDS UPON WHICH THE WATER IS TO BE USED SHALL BE SET OUT IN LICENCES TO BE ISSUED | WATER RIGHTS BRANCH<br>1259 DALHOUSIE DR<br>KAMLOOPS BC<br>V2C5Z5 | STONP | 31,634.00 AF | Jan 01 | Dec 31 | STOR IN NICOLA LK | |
| | Nicola River | | MR92.I.017.4.1 | N N | | | | | 21A NIC - LOWER NICOLA | |
| 1987/05/22 | Z103149 | 3001061 | E 1/2 OF L 158 KDYD SHOWN ON PLAN B23 3 | GAVELIN SETT A<br>BOX 4110<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 160.00 AF | Apr 01 | Sep 30 | | APP APPLIC-CLEARED |
| | Nicola River | | MR92.I.016.1.4 | Q N | | | | | 21B NIC - MERRITT | |
| 1987/06/12 | Z103406 | 3001073 | PCL A PLAN B1430 DL 132 KDYD BL 1 PLA N 3558 | ROBINSON ROBIN W STEPHEN J & STEWART D<br>14220 HALE RD<br>PIT MEADOWS BC<br>V0M1P0 | IRR | 400.00 AF | Apr 01 | Sep 30 | | APP APPLIC-CLEARED |
| | Nicola River | | MR92.I.016.1.4 | R N | | | | | 21A NIC - LOWER NICOLA | |
| 1988/02/08 | Z103198 | 3001171 | BLK A OF SEC 35 TP 15 R 24 W6M KDYD | SABA DOUGLAS M<br>BOX 294<br>SAVONA BC<br>V0K2J0 | IRR | 30.00 AF | Apr 01 | Sep 30 | | APP APPLIC-CLEARED |
| | Nicola River | | MR92.I.035.1.1 | C N | | | | | 21C NIC - SPENCES BRIDGE | |

| Priority YYYY/MM/DD | Licence File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|
| Source | | MR Map | POD RED POD Comments | | | | | Proc | |
| 1989/03/27 | 2103608 | 3001026 WITHIN THE CONSERV PROJ OF LICENSEE I N NICOLA R CL | FISHERIES BRANCH<br>1259 DALHOUSIE DR<br>KAMLOOPS BC<br>V2C5Z5 | CONST | 100.00 CS | Apr 01 | Jun 15 | | APP APPLIC-CLEARED |
| Nicola River | | MR92.I.017.4.1 | N N | | | | | 21B NIC - MERRITT | |
| 1989/09/11 | 2103120 | 3001524 L A OF L 137 KDYD PLAN 22069 | DAVIS ROBERT G & INGRID H<br>BOX 1596<br>MERRITT B C<br>V0K2B0 | IRR<br>STOMP | 1.95 AF<br>4.50 AF | Apr 01<br>Jan 01 | Sep 30<br>Dec 31 | | APP APPLIC-CLEARED |
| Nicola River | | MR92.I.016.1.3 | U N | | | | | 21A NIC - LOWER NICOLA | |
| 1990/08/01 | 2103118 | 3001790 CONSERVATION PROJECT WITHIN NICOLA R IVER FROM NICOLA LAKE TO COLDWATER CO NFLUENCE | FISHERIES BRANCH<br>1259 DALHOUSIE DR<br>KAMLOOPS BC<br>V2C5Z5 | CONST | 15,000.00 AF | Oct 15 | Jun 15 | | APP APPLIC-CLEARED |
| Nicola River | | MR92.I.017.4.1 | N N | | | | | 21A NIC - LOWER NICOLA | |
| 1994/04/29 | 2108321 | 3002707 UNDERTAKING OF LICENSEE WITHIN LOTS 1 7 & 10 OF DL 136 KDYD PLAN 928 | FISHERIES & OCEANS CANADA<br>400 - 555 W HASTINGS ST<br>VANCOUVER BC<br>V6B5G3 | COMM | 5.50 AM | Jan 01 | Dec 31 | | APP APPLIC-CLEARED |
| Nicola River | | MR92.I.016.1.3 | X N | | | | | 21B NIC - MERRITT | |
| 1994/12/05 | 2109169 | 3002810 LOT C IN NICOLA MAHEET IR 1 | LOWER NICOLA INDIAN BAND<br>981-695-7223<br>PO BOX 188<br>MERRITT BC<br>V0K1B0 | DOM | 500.00 GD | Jan 01 | Dec 31 | | APP APPLIC-CLEARED |
| Nicola River | | MR92.I.016.2.3 | Q N | | | | | 21B NIC - MERRITT | |

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | Source | | MR Map | POD | RED POD Comments | | | | Prac | |
| 1995/06/07 | C109765 | 3002919 | SW1/4 SEC 30 TP 93 & SE1/4 SEC 25 TP 91 PLAN B1343 & NE1/4 SEC 24 TP 91 | DUCKS UNLIMITED (CANADA)<br>954A LAVAL CRES<br>KAMLOOPS BC<br>V2C5P5 | CONST | 20.00 AC | Jan 01 | Dec 31 | | |
| | Nicola River | | MR92.I.017.4.1 | F | H | | | | 21B NIC - MERRITT | |
| 1995/06/07 | Z109746 | 3002920 | DL 192 KDYD | DUCKS UNLIMITED (CANADA)<br>954A LAVAL CRES<br>KAMLOOPS BC<br>V2C5P5 | CONST | 16.00 AN | Jan 01 | Dec 31 | | APP APPLIC-CLEARED |
| | Nicola River | | MR92.I.017.4.1 | F | Y SEE SKETCH FOR DIVERSION POINT FOR SUPPLY DITCH | | | | 21B NIC - MERRITT | |

---------- Total of 96 Licences Reported ----------

Stream Register Report  Water Licence Information System

Report Requested By : DNOGUS
Date Report Requested : 1996/03/27 11:42
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : H012022 - Edgar Creek right of Nuaitch Creek
END POINT : S012021 - Nuaitch Creek left of Nicola River

Stream Register Report

Water Licence Information System

DATE: 1996/02/27
TIME: 11:42
PAGE: 001

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| 1888/09/26 | C007618 | 0241036 | 508 AC NOOAITCH IR LOWER NICOLA<br>810 KDYD | NOOAITCH INDIAN BAND<br>981-699-7260<br>BAG 6000<br>MERRITT BC<br>V0K2B0 | DOM<br>IRR | 7,500.00 GD<br>1,270.00 AF | Jan 01<br>Apr 01 | Dec 31<br>Sep 30 | | |

| Source | WR Map | POD | RED POD | Comments | Prec |
|---|---|---|---|---|---|
| Nuaitch Creek | WR92.I.015.4.1 | B | N | | 21C NIC - SPENCES BRIDGE |
| Nuaitch Creek | WR92.I.015.4.1 | A | N | | |
| Billy Creek | WR92.I.025.1.4 | G | N | | |
| Billy Creek | WR92.I.025.1.4 | F | N | | |
| Nicola River | WR92.I.025.2.1 | A | N | | |

---------- Total of 1 Licence Reported ----------

Stream Register Report  Water Licence Information System

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Report Requested By : DMOGUS
Date Report Requested : 1996/02/20 11:43
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : PD44362 - 92.I.015 B
END POINT : SO12025 - Petit Creek right of Nicola River

Stream Register Report

Water Licence Information System

DATE: 1996/02/20
TIME: 11:43
PAGE: 001

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | Source | | WR Map | POD RED POD Comments | | | | | Proc | |
| 1888/09/26 | F008934 | 0241038 | IR #9 LOWER NICOLA NOOAITCH GRASS KDYD | NOOAITCH INDIAN BAND<br>981-699-7259<br>BAG 6000<br>MERRITT BC<br>V0K2B0 | DOM | 1,000.00 GD | Jan 01 | Dec 31 | | |
| | Petit Creek | | WR92.I.015 | B N | | | | | 21C NIC - SPENCES BRIDGE | |
| 1945/09/19 | F015572 | 0157734 | 10.5 AC OF IR #9 (NOOAITCH GRASS) KDYD | NOOAITCH INDIAN BAND<br>981-699-7259<br>BAG 6000<br>MERRITT BC<br>V0K2B0 | IRR | 25.00 AF | Apr 01 | Sep 30 | | |
| | Petit Creek | | WR92.I.015 | A N | | | | | 21C NIC - SPENCES BRIDGE | |
| | Shackelly Creek | | WR92.I.025 | B N | | | | | | |
| 1945/09/20 | C106503 | 0152308 | SOUTHERLY 5 CHAINS OF LS 8 OF SEC 11 TP 14 R 23 W6M KDYD EXCEPT PLAN H16286 | COLWELL STEPHEN<br>ZIMMER JANET M<br>PO BOX 11<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 3.60 AF | Apr 01 | Sep 30 | | |
| | Petit Creek | | WR92.I.015.4.2 | G N | | | | | 21C NIC - SPENCES BRIDGE | |
| | Shackelly Creek | | WR92.I.025 | B N | | | | | | |
| | Petit Creek | | WR92.I.015.4.2 | H N | | | | | | |

---------- Total of 3 Licences Reported ----------

Stream Register Report  Water Licence Information System

Report Requested By : DMOGUS
Date Report Requested : 1996/02/20 11:40
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : H0597 - James Creek left of Roberts Creek
END POINT : S0594 - Roberts Creek left of Richardson Creek

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| Source | | | MR Map | POD RED POD Comments | | | | | | Proc |
| 1888/09/26 | F089968 | 0241035 | 70 AC OF SLY PORTION OF IR 810 MOOAITCH RDYD | MOOAITCH INDIAN BAND<br>981-699-7260<br>BAG 6000<br>MERRITT BC<br>V0K2B0 | DOM<br>IRR | 2,000.00 GD<br>175.00 AF | Jan 01<br>Apr 01 | Dec 31<br>Sep 30 | CLAUSE (A) AMENDED AS FOLLOWS THE SOURC E OF THE WATER -SUPPLY IS JAMES CREEK - SEPTEMBER 18 1972 | |
| Roberts Creek | | | MR92.I.015.2.3 | A N | | | | | | 21B NIC - MERRITT |
| 1892/04/20 | F003625 | 0241679 | 6.1 AC OF L 779 RDYD | HANSEN WILFRED R & MARGARET R<br>52026 YALE RD<br>ROSEDALE BC<br>V0X1X0 | DOM<br>IRR | 500.00 GD<br>12.20 AF | Jan 01<br>Apr 01 | Dec 31<br>Sep 30 | | |
| Roberts Creek | | | MR92.I.015.2.3 | D H | | | | | | 21B NIC - MERRITT |
| 1911/04/29 | C109165 | 0265431 | 6.2 ACS LS 9 SEC 34 TP 13 R 23 W6M KD YD | MCLENNAN PETER C & DOROTHY H<br>604 1675 HORNBY ST<br>VANCOUVER BC<br>V6Z2M3 | IRR | 12.40 AF | Apr 01 | Sep 30 | | |
| Roberts Creek | | | MR92.I.015.2.3 | B N | | | | | | 21B NIC - MERRITT |
| 1911/04/29 | C109166 | 3002826 | 3.2 ACS LS 10 SEC 34 TP 13 R 23 W6M K DYD | LEMIRE LOUIS J<br>TEMPLE PAMELA A<br>PO BOX 424<br>MERRITT BC<br>V0K2B0 | IRR | 6.40 AF | Apr 01 | Sep 30 | | |
| Roberts Creek | | | MR92.I.015.2.3 | B N | | | | | | 21B NIC - MERRITT |
| 1911/04/29 | C109167 | 3002827 | 0.6 AC LS 16 SEC 34 TP 13 R 23 W6M KD YD | HOLLANDER TREVOR H<br>BOX 4367<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 1.20 AF | Apr 01 | Sep 30 | | |
| Roberts Creek | | | MR92.I.015.2.3 | B N | | | | | | 21B NIC - MERRITT |

| Priority YYYY/MM/DD | Licence Number | File Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | Source | | MR Map | POD | RED | POD Comments | | | Prac | |
| 1911/06/29 | C109168 | 3002828 | 4 ACS L8 12 SEC 35 TP 13 R 23 W6M EXT D | ARMSTRONG KEITH M & DESIREE D<br>BOX 2403<br>MERRITT BC<br>V0K2B0 | IRR | 8.00 AF | Apr 01 | Sep 30 | | |
| | Roberts Creek | | MR92.I.015.2.3 | B | N | | | | 21B NIC - MERRITT | |
| 1914/07/02 | F003838 | 0265439 | 10.4 AC OF M 1/2 OF NE 1/4 SEC 27 TP 13 R 23 W6M | GRIER EDWARD J & JANET L<br>BOX 4266<br>LOWER NICOLA BC<br>V0K1Y0 | DOM<br>IRR | 500.00 GD<br>26.00 AF | Jan 01<br>Apr 01 | Dec 31<br>Sep 30 | | |
| | Roberts Creek | | MR92.I.015.2.1 | F | N | | | | | |
| | Roberts Creek | | MR92.I.015.2.1 | E | N<br>✓ | | | | 21B NIC - MERRITT | |

---------- Total of 7 Licences Reported ----------

Stream Register Report  Water Licence Information System

Report Requested By : IMOGUS
Date Report Requested : 1996/02/21 14:09
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : FOS3665 - 92.I.025.2.1 B
END POINT : SO12019 - Shack Spring

Stream Register Report

Water Licence Information System

DATE: 1996/02/21
TIME: 14:09
PAGE: 001

| Priority YYYY/MM/DD | Licence File Number | Appurtenancy Number | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|
| Source | | MR Map | POD | RED POD Comments | | | | Proc | |
| 1988/09/26 | F009969 | 0241037 | 10 AC OF THE PORTION OF NOOAITCH IR #10 SITE OF NICOLA R KDYD | NOOAITCH INDIAN BAND<br>981-699-7260<br>BAG 6000<br>MERRITT BC<br>V0K2B0 | DOM<br>IRR | 1,000.00 CD<br>25.00 AF | Jan 01<br>Apr 01 | Dec 31<br>Sep 30 | |
| Shack Spring | | MR92.I.025.2.1 | B | N | | | | | |
| Alcock Spring | | MR92.I.015.4.3 | B | N | | | | 31C NIC - SPENCERS BRIDGE | |

---------- Total of 1 Licence Reported ----------

Stream Register Report  Water Licence Information System

Report Requested By : INOOUS
Date Report Requested : 1996/02/20 11:35
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : PD44358 - 92.I.025 B
END POINT : S012035 - Shackelly Creek right of Nicola River

| Priority YYYY/MM/DD | Licence File Number | Number | Appurtenancy | Licensee | PUC | Quantity/Units | Term Start | Term End | Licence Comments | Process Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | Source | | NR Map | POD | RED POD Comments | | | | Prec | |
| 1945/09/19 | F015572 | 0157734 | 10.5 AC OF IR #9 (NOOAITCH GRASS) KDYD | NOOAITCH INDIAN BAND<br>981-699-7259<br>BAG 6000<br>MERRITT BC<br>V0K2B0 | IRR | 25.00 AF | Apr 01 | Sep 30 | | |
| | Shackelly Creek | | | NR92.I.025 | D N | | | | | |
| | Petit Creek | | | NR92.I.015 | A N | | | | 21C NIC - SPENCES BRIDGE | |
| 1945/09/20 | C106503 | 0152308 | SOUTHERLY 5 CHAINS OF LS 8 OF SEC 11 TP 14 R 23 W6M KDYD EXCEPT PLAN H16284 | COLWELL STEPHEN<br>ZINNER JANET M<br>PO BOX 11<br>LOWER NICOLA BC<br>V0K1Y0 | IRR | 3.60 AF | Apr 01 | Sep 30 | | |
| | Shackelly Creek | | | NR92.I.025 | D N | | | | | |
| | Petit Creek | | | NR92.I.015.4.2 | G N | | | | 21C NIC - SPENCES BRIDGE | |
| | Petit Creek | | | NR92.I.015.4.2 | H N | | | | | |

---------- Total of 2 Licences Reported ----------

## NICKLEN CREEK NEAR LUMBY (UPPER STATION) - STATION NO. 08LC010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE ($m^3/s$) | MAXIMUM DAILY DISCHARGE ($m^3/s$) | MINIMUM DAILY DISCHARGE ($m^3/s$) | TOTAL DISCHARGE ($dam^3$) | YEAR |
|---|---|---|---|---|---|
| 1921 | --- | --- | --- | --- | 1921 |
| | | | | --- | MEAN |

---

## NICOLA POWER CANAL AT NICOLA - STATION NO. 08LG043

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | --- | --- | --- | --- | --- | 3.26 | 1.45 | 1.16 | 0.892 | --- | --- | --- | --- | 1948 |
| 1950 | --- | --- | --- | 0 | 2.03 | 4.59 | 2.89 | 2.97 | 2.21 | --- | --- | --- | --- | 1950 |
| MEAN | --- | --- | --- | 0 | 2.03 | 3.93 | 2.17 | 2.07 | 1.55 | --- | --- | --- | --- | MEAN |

LOCATION - LAT 50 09 49 N
LONG 120 39 57 W
REGULATED

## NICOLA POWER CANAL AT NICOLA - STATION NO. 08LG043

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE ($m^3/s$) | MAXIMUM DAILY DISCHARGE ($m^3/s$) | MINIMUM DAILY DISCHARGE ($m^3/s$) | TOTAL DISCHARGE ($dam^3$) | YEAR |
|---|---|---|---|---|---|
| 1948 | --- | 5.01 ON JUN 02 * | --- | --- | 1948 |
| 1950 | --- | 4.96 ON JUN 10 | 0 ON APR 01 * | --- | 1950 |
| | | * - EXTREME RECORDED FOR THE PERIOD OF RECORD | | --- | MEAN |

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## NICOLA RIVER ABOVE NICOLA LAKE - STATION NO. 08LG049

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1915 | --- | --- | --- | --- | --- | 7.97 | 5.46 | 1.99 | 0.519 | --- | --- | --- | --- | 1915 |
| 1916 | --- | --- | --- | 2.11 | 17.6 | 20.5 | 12.4 | 3.15 | 0.759 | --- | --- | --- | --- | 1916 |
| 1917 | --- | --- | --- | 0.979 | 11.5 | 30.2 | 8.13 | 0.632 | --- | --- | --- | --- | --- | 1917 |
| 1933 | --- | --- | --- | --- | --- | 20.3 | 5.70 | 1.01 | 0.343 | 0.431 | 1.96 | 1.33 | --- | 1933 |
| 1965 | --- | --- | --- | --- | 11.0 | 17.3 | 2.47 | 1.01 | 0.634 | --- | --- | --- | --- | 1965 |
| 1966 | --- | --- | --- | 2.11 | 7.16 | 7.08 | 1.10 | 0.342 | --- | --- | --- | --- | --- | 1966 |
| 1967 | --- | --- | --- | 0.876 | 4.64 | 19.6 | 3.29 | 0.308 | 0.214 | 0.021 | 0.159 | 0.119 | --- | 1967 |
| 1968 | 0.443 | 1.08 | 0.817 | 0.665 | 18.7 | 23.3 | 4.69 | 0.999 | 0.722 | 0.623 | 0.877 | 1.34 | 4.69 | 1968 |
| 1969 | 0.568 | 0.490 | 0.450 | 2.69 | 14.8 | 7.98 | 4.37 | 0.261 | 0.199 | 0.320 | 0.875 | 0.100 | 4.28 | 1969 |
| 1970 | 0.378 | 0.757 | 0.619 | 1.47 | 6.32 | 8.26 | 1.31 | 0.153 | 0.041 | 0.062 | 0.082 | 0.082 | 1.61 | 1970 |
| 1973 | 0.664 | 0.718 | 0.822 | 1.02 | 9.19 | 7.13 | 2.33 | 0.229 | 0.055 | 0.036 | 0.124 | 0.146 | 1.61 | 1973 |
| 1974 | 0.413 | 0.959 | 0.683 | 2.17 | 20.1 | 35.8 | 8.10 | 1.35 | 0.361 | 0.187 | 0.225 | 0.274 | 6.33 | 1974 |
| 1975 | 0.308 | 0.818 | 0.987 | 1.17 | 15.8 | 29.2 | 5.13 | 1.28 | 0.662 | 0.297 | 0.355 | 0.838 | 4.71 | 1975 |
| 1976 | 0.793 | 0.766 | 0.635 | 1.66 | 9.13 | 12.7 | 4.60 | 7.26 | 5.50 | 1.62 | 1.07 | 0.914 | 4.63 | 1976 |
| 1977 | 0.965 | 1.12 | 0.788 | 1.08 | 6.86 | 4.65 | --- | --- | --- | --- | --- | --- | --- | 1977 |
| 1978 | 0.737 | 0.412 | 0.842 | 1.69 | 16.8 | 18.3 | 4.10 | 0.774 | 1.62 | 1.69 | 2.50 | 1.56 | 4.37 | 1978 |
| 1979 | 0.922 | 0.729 | 0.474 | 0.847 | 19.8 | 8.88 | 2.29 | 0.404 | 0.183 | 0.084 | 0.103 | 0.109 | 2.77 | 1979 |
| 1980 | 0.132 | 0.232 | 0.430 | 1.84 | 11.5 | 8.60 | 4.61 | 1.53 | 1.22 | 0.580 | 0.930 | 0.768 | 2.71 | 1980 |
| 1981 | 1.13 | 0.963 | 0.977 | 1.93 | 20.0 | 12.4 | 7.08 | 2.61 | 1.67 | 1.28 | 2.15 | 1.44 | 4.08 | 1981 |
| 1982 | 1.17 | 1.39 | 1.35 | 1.43 | 20.3 | 17.1 | 14.0 | 4.45 | 1.62 | 1.54 | 1.32 | 1.73 | 5.57 | 1982 |
| 1983 | 1.25 | 1.52 | 2.01 | 2.17 | 20.3 | 14.5 | 4.93 | 2.22 | 1.50 | 0.923 | 1.86 | 1.41 | 5.66 | 1983 |
| 1984 | 1.51 | 1.47 | 1.64 | 3.50 | 12.4 | 28.0 | 6.93 | 1.76 | 0.503 | 0.512 | 0.651 | 0.527 | 4.93 | 1984 |
| 1985 | 0.822 | 0.715 | 0.786 | 2.52 | 14.7 | 9.63 | 1.78 | 0.323 | 0.139 | 0.245 | 0.285 | 0.210 | 2.70 | 1985 |
| 1986 | 0.375 | 1.15 | 1.25 | 2.18 | 20.8 | 14.0 | 5.73 | 1.99 | 1.04 | 1.60 | 1.01 | 2.51 | 3.60 | 1986 |
| 1987 | 0.808 | 0.809 | 1.42 | 4.49 | 14.3 | 4.12 | 1.30 | 0.416 | 0.067 | 0.032 | 0.040 | 0.040 | 2.47 | 1987 |
| 1988 | 0.042 | 0.064 | 0.153 | 3.05 | 18.4 | 3.77 | 1.73 | 0.529 | 0.142 | 0.198 | 0.112 | 0.139 | 1.66 | 1988 |
| 1989 | 0.509 | 0.391 | 0.689 | 2.62 | 14.4 | 9.79 | 4.62 | 2.38 | 2.02 | 1.23 | 1.58 | 1.49 | 3.50 | 1989 |
| 1990 | 1.27 | 0.895 | 1.16 | 7.17 | 14.3 | 27.8 | 6.10 | 1.36 | 0.753 | 0.281 | 0.464 | 0.734 | 5.18 | 1990 |
| MEAN | 0.706 | 0.824 | 0.918 | 2.25 | 16.0 | 15.3 | 5.05 | 1.54 | 0.872 | 0.627 | 0.840 | 0.779 | 3.86 | MEAN |

LOCATION - LAT 50 11 32 N
LONG 120 24 28 W
DRAINAGE AREA, 1 500 $km^2$
REGULATED

## NICOLA RIVER ABOVE NICOLA LAKE - STATION NO. 08LG049

### ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE ($m^3/s$) | MAXIMUM DAILY DISCHARGE ($m^3/s$) | MINIMUM DAILY DISCHARGE ($m^3/s$) | TOTAL DISCHARGE ($dam^3$) | YEAR |
|---|---|---|---|---|---|
| 1915 | --- | 18.8 CN MAY 21 | 0.368 CN SEP 17 | --- | 1915 |
| 1916 | --- | 22.7 CN JUN 04 | 0.651E CN SEP 24 | --- | 1916 |
| 1917 | --- | 35.4 CN JUN 01 | 0.028 CN SEP 17 | --- | 1917 |
| 1933 | --- | 27.8 CN JUN 08 | 0.241 CN SEP 28 | --- | 1933 |
| 1965 | --- | 31.7 CN JUN 04 | 0.783 CN SEP 14 | --- | 1965 |
| 1966 | --- | 16.5 CN MAY 14 | 0.180 CN SEP 10 | --- | 1966 |
| 1967 | --- | 19.7 CN JUN 03 | 0.014 CN OCT 13 | --- | 1967 |
| 1968 | --- | 52.8 CN MAY 17 | 0.046B CN JAN 10 | 142 000 | 1968 |
| 1969 | --- | 56.6E CN MAY 17 * | 0.023 CN DEC 13 | 141 000 | 1969 |
| 1970 | --- | 14.2 CN JUN 06 | 0.034 CN AUG 31 | 50 900 | 1970 |
| 1973 | --- | 17.0 CN MAY 27 | 0.020E CN SEP 23 | 60 300 | 1973 |
| 1974 | 52.4 AT 15:30 PST ON JUN 18 * | 49.3 CN JUN 18 | 0.159 CN OCT 24 | 199 000 | 1974 |
| 1975 | 52.4 AT 10:00 PST ON JUN 04 | 49.3 CN JUN 04 | 0.221 CN JAN 06 | 149 000 | 1975 |
| 1976 | 54.2 AT 22:30 PST ON MAY 12 | 26.6 CN MAY 12 | 0.356B CN MAR 03 | 147 000 | 1976 |
| 1977 | 17.0 AT 02:41 PST ON MAY 06 | 16.9 CN MAY 15 | --- | --- | 1977 |
| 1978 | 52.6 AT 11:51 PST ON MAY 23 | 32.0 CN MAY 23 | 0.275B CN JAN 04 | 138 000 | 1978 |
| 1979 | 30.7 AT 12:00 PST ON MAY 07 | 28.7 CN MAY 08 | 0.054B CN NOV 30 | 87 500 | 1979 |
| 1980 | 16.7 AT 15:12 PST ON MAY 08 | 16.2 CN MAY 08 | 0.085B CN JAN 10 | 85 700 | 1980 |
| 1981 | 28.7 AT 14:40 PST ON MAY 27 | 28.5 CN MAY 27 | 0.166B CN FEB 10 | 129 000 | 1981 |
| 1982 | 40.4 AT 23:18 PST ON MAY 26 | 39.3 CN MAY 26 | 0.630B CN JAN 05 | 176 000 | 1982 |
| 1983 | --- | 49.2E CN MAY 27 | 0.179 CN OCT 27 | 179 000 | 1983 |
| 1984 | 39.9 AT 12:19 PST ON JUN 16 | 37.6 CN JUN 16 | 0.280B CN DEC 31 | 156 000 | 1984 |
| 1985 | 30.0 AT 12:02 PST ON MAY 25 | 28.0 CN MAY 26 | 0.081 CN SEP 04 | 85 000 | 1985 |
| 1986 | 31.2 AT 04:06 PST ON MAY 31 | 30.9 CN MAY 31 | 0.244B CN JAN 03 | 114 000 | 1986 |
| 1987 | 21.1 AT 13:20 PST ON MAY 03 | 21.0 CN MAY 03 | 0.013 CN OCT 30 * | 77 800 | 1987 |
| 1988 | --- | 18.0E CN MAY 12 | 0.047B CN JAN 05 | 49 400 | 1988 |
| 1989 | 21.0 AT 11:20 PST ON MAY 11 | 19.5 CN MAY 10 | 0.260B CN FEB 02 | 110 000 | 1989 |
| 1990 | 37.6 AT 11:40 PST ON JUN 15 | 36.2 CN JUN 15 | 0.235 CN OCT 26 | 164 000 | 1990 |
| | | | | 122 000 | MEAN |

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

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## NICOLA RIVER AT NICOLA - STATION NO. 08LG013

### MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1913 | --- | --- | --- | --- | 8.76 | 26.2 | 11.0 | 3.81 | --- | --- | --- | --- | --- | 1913 |
| 1915 | --- | --- | 0.968 | 1.66 | 8.20 | 15.1 | 7.07 | 3.64 | 1.24 | 0.760 | 0.673 | 0.774 | --- | 1915 |
| 1916 | 0.566 | 1.89 | 3.09 | 4.66 | 14.2 | 28.4 | 10.4 | 4.55 | 1.68 | 0.621 | 0.815 | 0.862 | 6.93 | 1916 |
| 1917 | 0.425 | 0.616 | 0.867 | 1.32 | 9.17 | 29.9 | 11.9 | 4.82 | 0.554 | --- | --- | --- | --- | 1917 |
| 1919 | --- | --- | --- | --- | --- | --- | 7.14 | 1.70 | 0.631 | 0.301 | 0.267 | 0.263 | --- | 1919 |
| 1920 | 0.225 | --- | 0.871 | 1.45 | 5.28 | 16.4 | 12.7 | 3.20 | 0.869 | 0.601 | 0.646 | 0.791 | --- | 1920 |
| 1921 | --- | 1.29 | 1.62 | 1.58 | 8.95 | 29.0 | 16.2 | --- | --- | --- | --- | --- | --- | 1921 |
| 1933 | --- | --- | --- | --- | --- | --- | 28.3 | 13.2 | 3.71 | 1.06 | 0.693 | 1.26 | 1.65 | 1933 |
| 1934 | --- | --- | --- | --- | --- | --- | --- | 3.08 | 0.796 | 0.341 | 0.277 | 0.250 | 0.318 | 1934 |
| 1935 | 0.576 | 1.96 | 1.85 | 1.28 | 4.75 | 21.1 | 15.0 | 7.65 | 2.88 | 1.12 | 0.791 | 0.847 | 5.08 | 1935 |
| 1936 | 1.05 | 1.11 | 2.89 | 5.11 | 19.8 | 18.3 | 7.94 | 1.55 | 0.265 | --- | --- | --- | --- | 1936 |
| 1947 | --- | --- | --- | --- | 8.46 | 5.52 | 1.09 | 1.27 | 1.16 | --- | --- | --- | --- | 1947 |
| 1948 | --- | --- | --- | --- | 19.3 | 41.2 | 13.9 | 6.11 | 6.15 | --- | --- | --- | --- | 1948 |
| 1949 | --- | --- | --- | --- | 23.0 | 18.4 | 5.30 | 1.56 | 0.425 | --- | --- | --- | --- | 1949 |
| 1950 | --- | --- | --- | --- | 12.8 | 33.1 | 9.45 | 1.79 | 0.916 | --- | --- | --- | --- | 1950 |
| 1951 | --- | --- | --- | 7.49 | 27.6 | 24.5 | 5.27 | 2.20 | 1.49 | --- | --- | --- | --- | 1951 |
| MEAN | 0.568 | 1.37 | 1.98 | 3.06 | 13.4 | 23.8 | 9.62 | 3.26 | 1.46 | 0.653 | 0.640 | 0.751 | 6.01 | MEAN |

LOCATION - LAT 50 09 48 N
LONG 120 39 57 W
DRAINAGE AREA, 2 900 $km^2$
REGULATED

## NICOLA RIVER AT NICOLA - STATION NO. 08LG013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE ($m^3/s$) | MAXIMUM DAILY DISCHARGE ($m^3/s$) | MINIMUM DAILY DISCHARGE ($m^3/s$) | TOTAL DISCHARGE ($dam^3$) | YEAR |
|---|---|---|---|---|---|
| 1913 | --- | 36.8 ON JUN 08 | --- | --- | 1913 |
| 1914 | | | | --- | 1914 |
| 1915 | --- | 22.9 ON MAY 29 | 0.566 ON OCT 17 | | 1915 |
| 1916 | --- | 28.9 ON JUN 13 | 0.368 ON DEC 09 | 219 000 | 1916 |
| 1917 | --- | 33.4 ON JUN 10 | 0.311 ON SEP 24 | --- | 1917 |
| 1918 | | | | | 1918 |
| 1919 | --- | --- | 0.283 ON SEP 19 | --- | 1919 |
| 1920 | --- | 20.6 ON JUN 23 | 0.170 ON JAN 15 | --- | 1920 |
| 1921 | --- | 32.0 ON JUN 05 | --- | --- | 1921 |
| 1932 | | | | | 1932 |
| 1933 | --- | --- | 0.532 ON OCT 14 | --- | 1933 |
| 1934 | --- | --- | 0.266 ON SEP 28 | --- | 1934 |
| 1935 | --- | 25.8 ON JUN 11 | 0.328 ON JAN 01 | 160 000 | 1935 |
| 1936 | --- | 22.8 ON MAY 23 | 0.099 ON SEP 20 * | --- | 1936 |
| 1946 | | | | | 1946 |
| 1947 | --- | 11.1 ON MAY 22 | 0.566 ON SEP 12 | --- | 1947 |
| 1948 | --- | 46.4 ON JUN 03 * | 1.16 ON APR 20 | --- | 1948 |
| 1949 | --- | 36.2 ON MAY 24 | 0.340 ON AUG 12 | --- | 1949 |
| 1950 | | | | | 1950 |
| 1951 | --- | 37.9 ON JUN 17 | 0.765 ON SEP 23 | --- | 1951 |
| | --- | 43.3 ON MAY 29 | 1.40 ON SEP 11 | | |
| | | * - EXTREME RECORDED FOR THE PERIOD OF RECORD | | 190 000 | MEAN |

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## NICOLA RIVER AT OUTLET OF NICOLA LAKE - STATION NO. 08LG065

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1963 | 2.09 | 2.09 | 2.86 | 3.63 | 24.6 | 22.9 | 6.65 | 2.64 | 2.19 | 1.81 | 2.09 | 2.70 | 6.38 | 1963 |
| 1964 | 2.89 | 2.43 | 2.18 | 3.01 | 9.64 | 33.7 | 11.1 | 2.79 | 1.78 | 1.23 | 1.08 | 0.952 | 6.07 | 1964 |
| 1965 | 0.909 | 0.963 | 1.21 | 1.48 | 9.23 | 16.9 | 3.83 | 1.28 | 0.864 | 0.503 | 0.367 | 0.334 | 3.16 | 1965 |
| 1966 | --- | --- | --- | --- | --- | --- | 5.02 | 1.66 | 0.87 | 1.76 | 1.58 | 1.46 | --- | 1966 |
| 1967 | 1.17 | 1.18 | 1.22 | 1.57 | 11.8 | 4.30 | 2.01 | 1.24 | 1.71 | 1.18 | 1.04 | 0.868 | 2.62 | 1967 |
| 1968 | 0.064 | 0.321 | 0.521 | 0.567 | 1.48 | 1.77 | 1.69 | 1.44 | 1.66 | 1.62 | 1.43 | 1.13 | 1.15 | 1968 |
| 1969 | 0.905 | 0.680 | 1.03 | 2.69 | 7.37 | 11.8 | 5.37 | 4.54 | 3.81 | 2.73 | 2.43 | 2.35 | 3.84 | 1969 |
| 1990 | 2.16 | 2.15 | 2.11 | 2.69 | 11.4 | 38.1 | 11.4 | 2.98 | 2.39 | 1.74 | 1.64 | 1.56 | 6.68 | 1990 |
| MEAN | 1.46 | 1.43 | 1.59 | 2.23 | 11.1 | 18.5 | 5.88 | 2.83 | 2.19 | 1.56 | 1.43 | 1.36 | 4.27 | MEAN |

LOCATION - LAT 50 09 52 N DRAINAGE AREA, 2 690 $km^2$
LONG 120 39 51 W REGULATED SINCE 1966

## NICOLA RIVER AT OUTLET OF NICOLA LAKE - STATION NO. 08LG065

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE ($m^3/s$) | MAXIMUM DAILY DISCHARGE ($m^3/s$) | MINIMUM DAILY DISCHARGE ($m^3/s$) | TOTAL DISCHARGE ($dam^3$) | YEAR |
|---|---|---|---|---|---|
| 1963 | 40.9 AT 12:38 PST ON JUN 03 | 40.1 ON JUN 01 | 1.66 ON NOV 01 | 201 000 | 1963 |
| 1964 | 43.1 AT 18:35 PST ON JUN 15 | 41.8 ON JUN 17 | 0.868B ON DEC 31 | 192 000 | 1964 |
| 1965 | 27.4 AT 14:03 PST ON JUN 03 | 25.3 ON JUN 02 | 0.264B ON NOV 29 | 99 700 | 1965 |
| 1966 | --- | --- | --- | --- | 1966 |
| 1967 | 22.0 AT 11:34 PST ON MAY 13 | 21.8 ON MAY 13 | 0.120B ON DEC 31 | 82 600 | 1967 |
| 1968 | 4.89 AT 14:34 PST ON MAY 24 | 3.60 ON MAY 24 | 0.016B ON JAN 15 * | 36 200 | 1968 |
| 1969 | 17.9 AT 10:05 PST ON JUN 07 | 17.7 ON JUN 07 | 0.813 ON FEB 23 | 121 000 | 1969 |
| 1990 | 45.4 AT 12:39 PST ON JUN 15 * | 43.5 ON JUN 21 * | 1.37 E ON DEC 30 | 211 000 | 1990 |
| | B - ICE CONDITIONS<br>E - ESTIMATED | * - EXTREME RECORDED FOR THE PERIOD OF RECORD | | 135 000 | MEAN |

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## NICOLA RIVER NEAR DOUGLAS LAKE - STATION NO. 08LG028

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | --- | --- | --- | --- | --- | 10.0 | 1.80 | 0.165 | 0.013 | 0.001 | --- | --- | --- | 1929 |
| 1930 | --- | --- | --- | 2.65 | 6.77 | 8.90 | 1.79 | 0.273 | 0.028 | --- | --- | --- | --- | 1930 |
| 1947 | --- | --- | --- | --- | 10.4 | 6.83 | --- | --- | --- | --- | --- | --- | --- | 1947 |
| MEAN | --- | --- | --- | 2.65 | 8.59 | 8.58 | 1.80 | 0.219 | 0.021 | 0.001 | --- | --- | --- | MEAN |

LOCATION - LAT 50 08 24 N DRAINAGE AREA, 1 300 $km^2$
LONG 120 16 51 W REGULATED

## NICOLA RIVER NEAR DOUGLAS LAKE - STATION NO. 08LG028

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE ($m^3/s$) | MAXIMUM DAILY DISCHARGE ($m^3/s$) | MINIMUM DAILY DISCHARGE ($m^3/s$) | TOTAL DISCHARGE ($dam^3$) | YEAR |
|---|---|---|---|---|---|
| 1929 | --- | 13.5 ON JUN 11 * | 0 ON OCT 06 * | --- | 1929 |
| 1930 | --- | 12.5 ON JUN 04 | 0 ON SEP 20 | --- | 1930 |
| 1947 | --- | 12.7 ON MAY 11 | --- | --- | 1947 |
| | | * - EXTREME RECORDED FOR THE PERIOD OF RECORD | | --- | MEAN |

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NICOLA RIVER NEAR LOWER NICOLA - STATION NO. 08LG047

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | --- | --- | --- | --- | 76.4 | 138 | 72.0 | --- | --- | --- | --- | --- | --- | 1955 |
| MEAN | --- | --- | --- | --- | 76.4 | 138 | 72.0 | --- | --- | --- | --- | --- | --- | MEAN |

LOCATION - LAT 50 08 20 N
LONG 120 56 20 W REGULATED

NICOLA RIVER NEAR LOWER NICOLA - STATION NO. 08LG047

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE ($m^3/s$) | MAXIMUM DAILY DISCHARGE ($m^3/s$) | MINIMUM DAILY DISCHARGE ($m^3/s$) | TOTAL DISCHARGE ($dam^3$) | YEAR |
|---|---|---|---|---|---|
| 1955 | --- | 198 ON JUN 12 * | --- | --- | 1955 |
| | | * - EXTREME RECORDED FOR THE PERIOD OF RECORD | | --- | MEAN |

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NICOLA RIVER NEAR MERRITT - STATION NO. 08LG007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1911 | --- | --- | --- | --- | --- | --- | 19.2 | 7.85 | 5.22 | 2.64 | 2.42 | 2.41 | --- | 1911 |
| 1912 | 3.59 | 4.78 | 4.65 | 10.4 | 44.5 | 35.6 | 14.5 | 4.68 | 2.98 | 1.77 | 4.70 | 1.67 | 10.8 | 1912 |
| 1913 | 0.923 | 2.46 | 2.38 | 7.46 | 32.4 | 49.8 | 14.3 | 4.18 | 3.00 | 4.27 | 2.74 | 1.01 | 10.8 | 1913 |
| 1914 | 5.23 | 2.91 | 5.12 | 25.5 | 66.8 | 48.1 | 14.5 | 2.76 | 1.95 | 1.95 | --- | --- | --- | 1914 |
| 1915 | --- | --- | --- | 20.3 | 26.4 | 24.0 | 11.1 | 4.42 | 1.56 | --- | --- | --- | --- | 1915 |
| 1957 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.18 | --- | 1957 |
| 1958 | 3.50 | 3.65 | 4.67 | 10.5 | 44.2 | 33.3 | 7.75 | 2.60 | 2.43 | 4.29 | 5.98 | 10.6 | 12.1 | 1958 |
| 1959 | 7.37 | 4.43 | 5.61 | 14.4 | 55.1 | 78.3 | 27.6 | 6.48 | 6.33 | 11.1 | 12.7 | 10.9 | 20.1 | 1959 |
| 1960 | 5.23 | 5.18 | 8.17 | 23.2 | 41.3 | 38.8 | 8.64 | 2.72 | 1.91 | 3.10 | 3.02 | 1.85 | 11.9 | 1960 |
| 1961 | 3.66 | 3.88 | 4.72 | 13.0 | 44.8 | 50.0 | 10.1 | 4.95 | 4.22 | 4.49 | 3.05 | 4.74 | 15.5 | 1961 |
| 1962 | 3.88 | 6.66 | 4.24 | 13.9 | 38.6 | 39.6 | 11.6 | 4.96 | 4.98 | 6.02 | 7.76 | 4.39 | 15.9 | 1962 |
| 1963 | 5.56 | 15.7 | 7.24 | 9.13 | 43.4 | 51.6 | 14.7 | 4.97 | 7.62 | 8.26 | 6.03 | 3.49 | 19.0 | 1963 |
| 1964 | 7.19 | 5.71 | 5.13 | 10.1 | 33.6 | 62.3 | 25.1 | 6.78 | 7.62 | 8.26 | 6.03 | 3.49 | 17.9 | 1964 |
| 1965 | 4.71 | 8.05 | 7.83 | 16.2 | 42.9 | 45.6 | 12.9 | 6.57 | 2.50 | 4.36 | 6.46 | 4.60 | 13.3 | 1965 |
| 1966 | 4.32 | 3.46 | 4.09 | 15.4 | 32.0 | 35.7 | 14.5 | 5.08 | 3.40 | 4.66 | 4.63 | 4.00 | 11.3 | 1966 |
| 1967 | 5.64 | 4.32 | 4.63 | 4.67 | 38.4 | 38.4 | 14.4 | 5.64 | 4.76 | 6.66 | 11.1 | 4.24 | 13.8 | 1967 |
| 1968 | 10.3 | 14.2 | 11.7 | 8.69 | 46.6 | 76.6 | 24.3 | 8.12 | 4.67 | 5.74 | 8.63 | 5.61 | 18.2 | 1968 |
| 1969 | 2.35 | 4.55 | 4.73 | 12.2 | 68.5 | 41.6 | 11.4 | 5.01 | 4.31 | 5.79 | 4.55 | 3.55 | 14.1 | 1969 |
| 1970 | 2.97 | 3.12 | 3.91 | 5.65 | 38.2 | 43.4 | 8.52 | 3.62 | 2.58 | 2.65 | 1.61 | 1.13 | 9.57 | 1970 |
| 1971 | 2.62 | 8.05 | 4.05 | 10.1 | 61.8 | 90.1 | 33.3 | 8.30 | 4.08 | 3.45 | 4.96 | 4.96 | 21.2 | 1971 |
| 1972 | 2.32 | 2.57 | 15.0 | 23.0 | 67.6 | 95.6 | 47.1 | 13.1 | 6.32 | 2.90 | 0.643 | 1.90 | 24.8 | 1972 |
| 1974 | 4.25 | 4.84 | 6.36 | 19.5 | 62.1 | 90.8 | 41.5 | 10.4 | 4.14 | 3.24 | 3.59 | 3.87 | 21.2 | 1974 |
| 1975 | 2.85 | 3.26 | 4.44 | 8.70 | 40.5 | 64.2 | 22.8 | 6.00 | 3.32 | 4.28 | 12.1 | 9.71 | 15.2 | 1975 |
| 1976 | 5.21 | 4.57 | 4.53 | 8.48 | 34.2 | 45.0 | 13.4 | 4.69 | 2.84 | 4.69 | 4.65 | 4.52 | 14.8 | 1976 |
| 1977 | 3.48 | 3.57 | 4.05 | 8.76 | 34.2 | 50.0 | 15.4 | 4.89 | 3.54 | 4.49 | 4.89 | 4.69 | 7.15 | 1977 |
| 1978 | 5.17 | 5.13 | 6.65 | 14.0 | 44.6 | 49.4 | 15.4 | 5.00 | 4.00 | 4.60 | 7.00 | 4.60 | 13.1 | 1978 |
| 1979 | 3.03 | 3.46 | 6.24 | 7.77 | 37.9 | 25.3 | 6.56 | 2.55 | 2.38 | 2.18 | 1.61 | 6.85 | 8.87 | 1979 |
| 1980 | 2.21 | 2.56 | 4.25 | 14.7 | 31.1 | 30.5 | 8.40 | 3.80 | 4.87 | 4.04 | 5.98 | 20.2 | 11.1 | 1980 |
| 1981 | 10.6 | 7.66 | 4.47 | 11.1 | 34.8 | 38.4 | 16.9 | 6.57 | 4.21 | 4.96 | 6.88 | 4.60 | 14.4 | 1981 |
| 1982 | 4.59 | 5.96 | 5.87 | 15.2 | 34.8 | 48.4 | 10.1 | 4.90 | 4.21 | 5.32 | 6.88 | 4.60 | 14.6 | 1982 |
| 1983 | 5.88 | 5.52 | 6.64 | 15.1 | 41.2 | 51.5 | 14.0 | 4.90 | 4.21 | 5.32 | 6.88 | 4.60 | 14.6 | 1983 |
| 1984 | 14.4 | 5.79 | 5.95 | 8.57 | 39.7 | 61.6 | 18.7 | 4.80 | 3.71 | 4.17 | 5.49 | 2.53 | 12.8 | 1984 |
| 1985 | 2.57 | 3.05 | 3.34 | 11.4 | 36.7 | 38.0 | 7.18 | 2.04 | 2.31 | 4.27 | 3.61 | 1.44 | 9.67 | 1985 |
| 1986 | 2.75 | 3.68 | 13.6 | 13.5 | 33.4 | 61.7 | 11.5 | 4.34 | 4.82 | 4.80 | 5.05 | 3.66 | 15.5 | 1986 |
| 1987 | 4.14 | 3.66 | 7.82 | 17.4 | 37.8 | 39.6 | 5.75 | 2.73 | 2.65 | 2.02 | 2.07 | 1.82 | 9.82 | 1987 |
| 1988 | 0.996 | 1.66 | 2.43 | 13.1 | 34.2 | 39.0 | 6.68 | 3.50 | 3.61 | 4.00 | 6.77 | 4.77 | 7.15 | 1988 |
| 1989 | 3.36 | 3.58 | 3.99 | 14.3 | 36.8 | 55.2 | 9.54 | 7.33 | 5.53 | 5.61 | 12.1 | 10.4 | 12.2 | 1989 |
| 1990 | 5.13 | 3.48 | 5.33 | 19.7 | 33.1 | 67.7 | 20.6 | 4.63 | 4.12 | 9.48 | 25.9 | 9.33 | 17.4 | 1990 |
| MEAN | 4.60 | 5.14 | 5.97 | 13.0 | 43.7 | 50.3 | 17.0 | 5.44 | 3.83 | 4.54 | 5.96 | 5.16 | 13.8 | MEAN |

LOCATION - LAT 50 08 40 N DRAINAGE AREA, 4 350 $km^2$
LONG 120 53 06 W REGULATED

# NICOLA RIVER NEAR MERRITT - STATION NO. 08LG007

## ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE ($m^3/s$) | MAXIMUM DAILY DISCHARGE ($m^3/s$) | MINIMUM DAILY DISCHARGE ($m^3/s$) | TOTAL DISCHARGE ($dam^3$) | YEAR |
|---|---|---|---|---|---|
| 1911 | --- | --- | 1.13 ON NOV 13 | --- | 1911 |
| 1912 | --- | 73.1 ON MAY 21 | 0.113 ON SEP 20 | 341 000 | 1912 |
| 1913 | --- | 117 ON JUN 03 | 0.142 ON DEC 12 * | 342 000 | 1913 |
| 1914 | --- | 107 ON MAY 14 | 0.963 ON SEP 01 | --- | 1914 |
| 1915 | --- | 35.7 ON MAY 28 | 1.19 ON SEP 27 | --- | 1915 |
| 1957 | --- | --- | --- | --- | 1957 |
| 1958 | --- | 78.7 ON MAY 25 | 1.64 ON OCT 05 | 380 000 | 1958 |
| 1959 | --- | 98.3 ON JUN 03 | 3.48 ON JAN 31 | 633 000 | 1959 |
| 1960 | --- | 81.3 ON JUN 03 | 0.991 ON AUG 29 | 377 000 | 1960 |
| 1961 | --- | 93.4 ON JUN 04 | 1.42 ON SEP 15 | 428 000 | 1961 |
| 1962 | --- | 93.7 ON MAY 26 | 1.21 ON SEP 29 | 438 000 | 1962 |
| 1963 | --- | 66.5 ON MAY 23 | 2.17 B ON JAN 23 | 353 000 | 1963 |
| 1964 | --- | 104 ON JUN 11 | 2.35 ON DEC 16 | 566 000 | 1964 |
| 1965 | --- | 82.4 ON MAY 29 | 1.70 ON OCT 01 | 420 000 | 1965 |
| 1966 | --- | 85.5 ON MAY 09 | 2.21 ON SEP 06 | 457 000 | 1966 |
| 1967 | --- | 161 ON JUN 03 * | 1.49 ON SEP 19 | 549 000 | 1967 |
| 1968 | --- | 104 ON JUN 03 | 1.86 ON JAN 17 | 576 000 | 1968 |
| 1969 | --- | 106 ON MAY 11 | 1.93 ON AUG 30 | 444 000 | 1969 |
| 1970 | --- | 94.9 ON JUN 06 | 1.26 B ON DEC 21 | 302 000 | 1970 |
| 1971 | --- | 130 ON MAY 13 | 1.36 B ON JAN 01 | 668 000 | 1971 |
| 1972 | --- | 139 ON MAY 30 | 0.716 ON DEC 03 | 785 000 | 1972 |
| 1974 | --- | 113 ON JUN 18 | 2.21 B ON JAN 11 | 670 000 | 1974 |
| 1975 | --- | 124 E ON JUN 03 | 2.27 B ON JAN 14 | 480 000 | 1975 |
| 1976 | 76.7 AT 11:00 PST ON JUN 19 | 69.4 ON JUN 19 | 2.69 B ON DEC 16 | 469 000 | 1976 |
| 1977 | 45.3 AT 05:00 PST ON JUN 08 | 38.2 ON JUN 07 | 1.11 B ON NOV 24 | 225 000 | 1977 |
| 1978 | 98.5 AT 06:12 PST ON JUN 05 | 68.9 ON MAY 05 | 1.15 B ON JAN 01 | 421 000 | 1978 |
| 1979 | 59.7 AT 09:00 PST ON MAY 26 | 56.6 ON MAY 26 | 1.18 ON NOV 30 | 280 000 | 1979 |
| 1980 | 152 AT 04:09 PST ON DEC 27 * | 116 ON DEC 27 | 1.31 B ON JAN 28 | 350 000 | 1980 |
| 1981 | 75.3 AT 01:00 PST ON MAY 26 | 70.8 ON MAY 26 | 1.64 B ON SEP 19 | 432 000 | 1981 |
| 1982 | 99.1 AT 05:32 PST ON MAY 26 | 93.0 ON MAY 26 | 1.64 B ON NOV 22 | 510 000 | 1982 |
| 1983 | 109 AT 08:17 PST ON MAY 30 | 99.0 ON MAY 30 | 1.67 B ON OCT 18 | 461 000 | 1983 |
| 1984 | 115 AT 02:15 PST ON JAN 05 | 94.3 ON JUN 15 | 1.80 B ON DEC 30 | 403 000 | 1984 |
| 1985 | 74.5 AT 09:55 PST ON MAY 24 | 69.6 ON MAY 24 | 1.02 B ON NOV 27 | 305 000 | 1985 |
| 1986 | --- | 61.1 A ON MAY 17 | 1.50 B ON FEB 20 | 386 000 | 1986 |
| 1987 | 97.2 AT 15:29 PST ON MAY 12 | 84.9 ON MAY 12 | 0.971 B ON DEC 31 | 410 000 | 1987 |
| 1988 | 68.1 AT 15:05 PST ON MAY 11 | 64.8 ON MAY 11 | 0.841 B ON JAN 06 | 415 000 | 1988 |
| 1989 | 71.4 AT 06:36 PST ON JUN 02 | 65.3 ON JUN 02 | 2.30 B ON FEB 04 | 384 000 | 1989 |
| 1990 | 146 AT 08:00 PST ON NOV 11 | 111 ON NOV 11 | 2.50 B ON FEB 17 | 547 000 | 1990 |
| | | | | 436 000 | MEAN |

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

## ROBERTS CREEK AT ROBERTS CREEK - STATION NO. 08GA047

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1959 | --- | --- | --- | --- | 1.07 | 0.518 | 0.129 | 0.077 | 0.550 | 0.574 | 1.06 | 1.18 | --- | 1959 |
| 1960 | 0.970 | 1.72 | 0.674 | 1.48 | 0.822 | 0.233 | 0.079 | 0.133 | 0.131 | 0.881 | 1.09 | 1.45 | 0.801 | 1960 |
| 1961 | 2.04 | 2.68 | 1.97 | 1.16 | 1.43 | 0.596 | 0.222 | 0.122 | 0.197 | 0.858 | 1.10 | 1.43 | 1.12 | 1961 |
| 1962 | 1.28 | 1.17 | 0.455 | 1.12 | 0.836 | 0.369 | 0.122 | 0.390 | 0.294 | 1.43 | 2.18 | 2.81 | 1.04 | 1962 |
| 1963 | 0.780 | 1.53 | 0.807 | 1.71 | 0.797 | 0.263 | 0.092 | 0.086 | --- | --- | --- | 1.37 | --- | 1963 |
| 1964 | 2.30 | 0.776 | 1.12 | 1.54 | 2.04 | 0.578 | 0.370 | 0.202 | 0.620 | 1.53 | 0.872 | 1.04 | 1.09 | 1964 |
| 1965 | 1.26 | 1.91 | 0.824 | 1.43 | 0.886 | 0.245 | 0.093 | 0.104 | 0.076 | 0.996 | 1.47 | 2.19 | 1.12 | 1965 |
| 1966 | 1.88 | 0.999 | 1.51 | 1.46 | 1.02 | 0.355 | 0.179 | 0.087 | 0.270 | 0.669 | 1.70 | 1.20 | 1.11 | 1966 |
| 1967 | 1.77 | 1.13 | 1.26 | 0.903 | 1.15 | 0.347 | 0.084 | 0.051 | 0.088 | 2.00 | 0.575 | 1.62 | 0.918 | 1967 |
| 1968 | 1.10 | 1.44 | 2.69 | 0.835 | 1.66 | 0.358 | 0.232 | 0.192 | 0.524 | 1.55 | 1.83 | 2.49 | 1.41 | 1968 |
| 1969 | 0.885 | 0.977 | 1.44 | 2.10 | 1.62 | 0.421 | 0.214 | 0.096 | 0.622 | 0.992 | 1.14 | 1.79 | 1.02 | 1969 |
| 1970 | 1.14 | 1.07 | 0.847 | 1.09 | 0.361 | 0.113 | 0.081 | 0.068 | 0.192 | 1.45 | 1.70 | 1.67 | 0.813 | 1970 |
| 1971 | 1.94 | 2.70 | 1.05 | 1.54 | 2.11 | 1.09 | 0.274 | 0.080 | 0.221 | 1.17 | 1.27 | 0.664 | 1.25 | 1971 |
| 1972 | 0.713 | 1.04 | 3.19 | 1.47 | 1.43 | 0.739 | 0.694 | 0.109 | 0.400 | 0.269 | 1.96 | 2.11 | 1.18 | 1972 |
| 1973 | 2.07 | 1.12 | 0.957 | 0.597 | 0.864 | 0.561 | 0.145 | 0.087 | 0.142 | 0.684 | 1.98 | 1.89 | 1.09 | 1973 |
| 1974 | 1.92 | 1.83 | 2.36 | 1.81 | 2.14 | 0.903 | 0.742 | 0.088 | 0.094 | 0.109 | 1.19 | 1.75 | 1.24 | 1974 |
| 1975 | 1.07 | 0.399 | 1.07 | 0.948 | 1.76 | 0.585 | 0.090 | 0.333 | 0.114 | 2.82 | 2.84 | 2.31 | 1.20 | 1975 |
| 1976 | 1.31 | 0.876 | 0.924 | 1.55 | 1.77 | 0.983 | 0.246 | 0.280 | 0.167 | 0.244 | 0.456 | 1.25 | 0.837 | 1976 |
| 1977 | 0.793 | 1.16 | 1.21 | 1.09 | 0.554 | 0.428 | 0.155 | 0.135 | 0.423 | 1.11 | 1.91 | 1.58 | 0.852 | 1977 |
| 1978 | 1.65 | 1.76 | 1.88 | 1.06 | 1.10 | 0.232 | 0.091 | 0.304 | 0.618 | 0.330 | 0.572 | 0.712 | 0.855 | 1978 |
| 1979 | 0.256 | 1.55 | 1.62 | 1.03 | 1.13 | 0.199 | 0.245 | 0.073 | 0.283 | 0.587 | 0.722 | 3.93 | 0.968 | 1979 |
| 1980 | 0.838 | 2.57 | 1.14 | 1.27 | 0.350 | 0.519 | 1.05 | 0.120 | 0.347 | 0.199 | 3.69 | 3.37 | 1.28 | 1980 |
| 1981 | 0.671 | 1.63 | 0.928 | 1.55 | 1.17 | 0.617 | 0.206 | 0.086 | 0.593 | 1.64 | 2.64 | 2.34 | 1.17 | 1981 |
| 1982 | 1.12 | 2.48 | 0.913 | 1.50 | 1.67 | 0.603 | 0.287 | 0.109 | 0.133 | 1.80 | 3.21 | 2.90 | 1.39 | 1982 |
| 1983 | 3.04 | 3.93 | 2.33 | 1.35 | 0.560 | 0.467 | 0.505 | 0.160 | 0.658 | 0.472 | --- | --- | --- | 1983 |
| 1984 | 2.23 | 1.84 | 1.72 | 1.61 | 1.52 | 0.573 | 0.233 | 0.105 | 0.211 | 0.970 | 2.41 | 1.31 | 1.22 | 1984 |
| 1985 | 0.515 | 0.441 | 0.432 | 1.59 | 1.19 | 0.300 | 0.094 | 0.088 | 0.144 | 1.54 | 0.809 | 0.464 | 0.635 | 1985 |
| 1986 | 2.14 | 1.70 | 1.62 | 0.869 | 1.32 | 0.233 | 0.224 | 0.068 | 0.156 | 0.229 | 1.43 | 2.12 | 0.999 | 1986 |
| 1987 | 1.10 | 1.34 | 1.91 | 0.668 | 0.730 | 0.202 | 0.130 | 0.061 | 0.066 | 0.082 | 0.754 | 2.05 | 0.842 | 1987 |
| 1988 | 0.730 | 1.06 | 1.18 | 1.51 | 1.47 | 0.452 | 0.167 | 0.098 | 0.189 | --- | --- | --- | --- | 1988 |
| 1989 | 1.27 | 0.707 | 1.23 | 1.50 | 0.918 | 0.205 | 0.223 | 0.235 | 0.083 | 1.16 | 2.18 | 0.930 | 0.888 | 1989 |
| 1990 | 1.31 | 1.82 | 1.31 | 1.48 | 0.664 | 0.843 | 0.110 | 0.070 | 0.095 | 0.441 | 3.23 | 1.63 | 1.08 | 1990 |
| MEAN | 1.52 | 1.53 | 1.37 | 1.32 | 1.19 | 0.455 | 0.253 | 0.134 | 0.280 | 0.960 | 1.68 | 1.92 | 1.05 | MEAN |

LOCATION - LAT 49 25 15 N  DRAINAGE AREA, 32.6 km²
LONG 123 38 20 W  REGULATED

## ROBERTS CREEK AT ROBERTS CREEK - STATION NO. 08GA047

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE ($m^3/s$) | MAXIMUM DAILY DISCHARGE ($m^3/s$) | MINIMUM DAILY DISCHARGE ($m^3/s$) | TOTAL DISCHARGE ($dam^3$) | YEAR |
|---|---|---|---|---|---|
| 1959 | --- | --- | --- | --- | 1959 |
| 1960 | --- | 7.84 ON DEC 13 | 0.074 ON JUL 13 | 25 300 | 1960 |
| 1961 | --- | 9.65 ON JAN 15 | 0.074 ON AUG 12 | 35 300 | 1961 |
| 1962 | --- | 10.3 ON OCT 12 | 0.079 ON AUG 02 | 32 700 | 1962 |
| 1963 | --- | --- | --- | --- | 1963 |
| 1964 | --- | 30.6 ON OCT 02 | 0.099 ON AUG 20 | 34 300 | 1964 |
| 1965 | --- | 31.1 ON JAN 29 * | 0.059 ON JUL 18 | 35 300 | 1965 |
| 1966 | --- | 14.9 ON DEC 04 | 0.059 ON SEP 08 | 35 100 | 1966 |
| 1967 | --- | 9.45 ON JAN 29 | 0.025 ON AUG 15 | 28 900 | 1967 |
| 1968 | --- | 20.6 ON JAN 15 | 0.024 ON JUL 09 * | 44 700 | 1968 |
| 1969 | --- | 7.96 ON DEC 12 | 0.051 ON AUG 03 | 32 300 | 1969 |
| 1970 | --- | 10.4 ON OCT 24 | 0.059 ON AUG 23 | 25 600 | 1970 |
| 1971 | --- | 14.5 ON FEB 14 | 0.065 ON AUG 13 | 39 300 | 1971 |
| 1972 | --- | 12.7 ON DEC 19 | 0.065 ON OCT 17 | 37 200 | 1972 |
| 1973 | --- | 14.6 ON DEC 11 | 0.065 ON SEP 18 | 34 400 | 1973 |
| 1974 | --- | 8.64 ON MAR 16 | 0.071 ON AUG 28 | 39 200 | 1974 |
| 1975 | --- | 14.8 ON OCT 17 | 0.042E ON AUG 01 | 37 900 | 1975 |
| 1976 | --- | 6.51 ON DEC 08 | 0.105 ON AUG 11 | 46 500 | 1976 |
| 1977 | --- | 14.5 ON OCT 30 | 0.054 ON AUG 19 | 46 900 | 1977 |
| 1978 | --- | 11.3 ON MAR 07 | 0.048 ON AUG 10 | 47 000 | 1978 |
| 1979 | --- | 18.3 ON DEC 19 | 0.062 ON AUG 08 | 30 500 | 1979 |
| 1980 | --- | 14.5 ON NOV 21 | 0.093 ON AUG 13 | 40 500 | 1980 |
| 1981 | --- | 11.0 ON DEC 05 | 0.066 ON SEP 18 | 36 800 | 1981 |
| 1982 | --- | 25.0 E ON DEC 03 | 0.074 ON AUG 29 | 43 700 | 1982 |
| 1983 | --- | 19.3 ON FEB 12 | --- | --- | 1983 |
| 1984 | --- | 11.9 ON JAN 04 | 0.088 ON SEP 04 | 38 700 | 1984 |
| 1985 | --- | 12.7 A ON OCT 22 | 0.075A ON JUL 30 | 20 000 | 1985 |
| 1986 | 26.6 AT 21:00 PST ON JAN 18 | 11.0 ON JAN 18 | 0.055 ON AUG 28 | 31 500 | 1986 |
| 1987 | 19.5 AT 03:50 PST ON JAN 03 | 11.6 ON JAN 03 | 0.052 ON SEP 08 | 26 500 | 1987 |
| 1988 | --- | --- | 0.058 ON SEP 14 | --- | 1988 |
| 1989 | 27.1 AT 00:55 PST ON NOV 10 | 9.88 ON NOV 10 | 0.073 ON SEP 11 | 28 000 | 1989 |
| 1990 | 34.0E AT 17:09 PST ON NOV 23 * | 15.3 A ON DEC 04 | 0.058 ON AUG 28 | 33 900 | 1990 |
| | | | | 33 100 | MEAN |

A - MANUAL GAUGE  E - ESTIMATED  * - EXTREME RECORDED FOR THE PERIOD OF RECORD
(SEE REFERENCE INDEX)

1996/FEB/23 14:39

WELL4600 Production

# MINISTRY OF ENVIRONMENT, LANDS & PARKS

Water Rights Information System

Summary Report (with legal descriptions and old coordinates)



Operator Id SPINTO

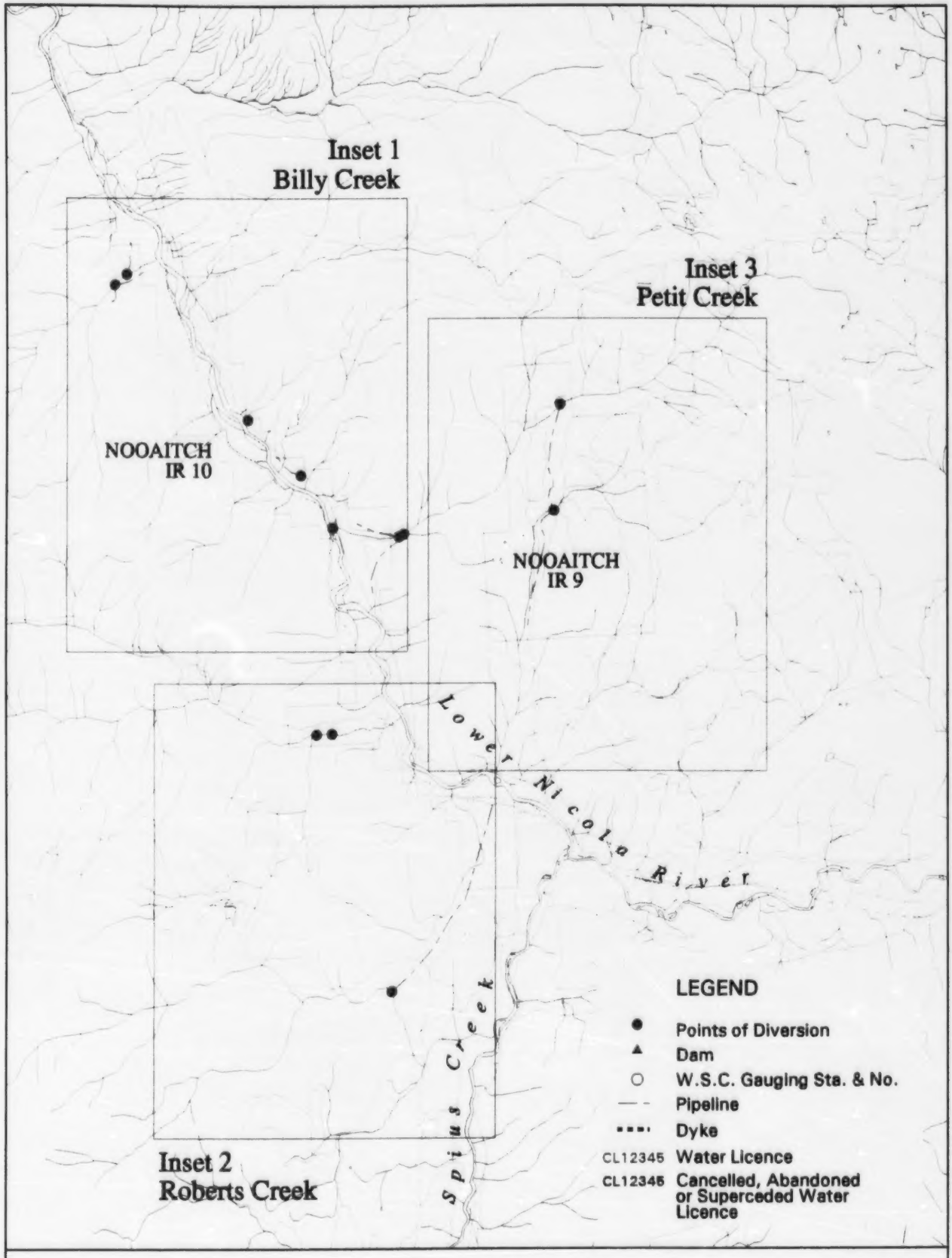
| BCGS Map Area | Well No. | Well Tag No. | Lot No. | Plan No. | Blk No. | TP | SC | RG | D.L. | X | Y | Old Well No. | L.D. | Site Address | Date Constructed (dmy) | Well Depth (ft.) | Well Diam. (in.) | Drill Contr No. | Const. Method | Well Yield | Yld. Unt. | Depth to Water (ft.) | Depth to Bedrk (ft.) | Aquif Litho | Screen Interval (ft.) | G.W. Zpt | Chem Lab | Chem Fld | Chem Site No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 092I.015.3.1.3 | 001 | 000000058454 | | | | 13 | 22 | 23 | | 00 | 00 | 00 | 000 | 26 | | 27-09-1988 | 179.0 | 7.0 | 038 | DRI | | | 165 | 171 | BED | | | | | |
| 092I.015.3.1.3 | 002 | 000000058446 | | | | 13 | 22 | 23 | | 00 | 00 | 00 | 000 | 26 | | 24-09-1988 | 68.0 | 7.0 | 028 | DRI | | | UNK | 58 | BED | | | | | |
| 092I.015.3.1.3 | 001 | 000000047197 | | | | 13 | 26 | 23 | | 00 | 00 | 00 | 000 | 26 | DAVIDSON RD | 08-02-1981 | 440.0 | 6.0 | 101 | DRI | | | UNK | 40 | BED | | | | | |
| 092I.015.3.1.4 | 001 | 000000001035 | | | | 13 | 27 | 23 | | 00 | 00 | 00 | 000 | 26 | SPUIS CREEK RD. | 01-01-1901 | 137.0 | 6.5 | 028 | DRI | | | | | | | | | | |
| 092I.015.3.2.3 | 001 | 000000028051 | | | | | | | | 00 | 00 | 00 | 000 | 26 | RICHARDSON & SPIUS C | 07-05-1973 | 211.0 | 6.0 | 108 | DRI | 10.0 | GPM | 80 | UNK | UNC | 133-137 | | | | |
| 092I.015.3.2.3 | 002 | 000000061361 | | | | 13 | 26 | 23 | | 00 | 00 | 00 | 000 | 26 | JACK SMARTZ RD. | 29-06-0094 | 118.0 | 6.0 | 028 | DRI | 18.0 | GPM | 130 | UNK | UNC | 201-209 | | | | |
| 092I.015.3.2.3 | 001 | 000000059557 | 8 | | | 13 | 34 | 23 | | 00 | 00 | 00 | 000 | 26 | PROSPECT CREEK RD. | 13-11-1990 | 110.0 | 6.5 | 028 | DRI | 200.0 | GPM | 56 | | UNC | 114-118 | | | | |
| 092I.015.3.4.1 | 001 | 000000035863 | | | | 13 | 35 | 23 | | 00 | 00 | 00 | 000 | 26 | PETIT CREEK | 01-01-1972 | 34.0 | 0.0 | 066 | UNK | 5.0 | GPM | 60 | 107 | BED | | | | | |
| 092I.015.3.4.1 | 002 | 000000059351 | 12 | | | 13 | 35 | 23 | | 00 | 00 | 00 | 000 | 26 | SUGAR CREEK RD. | 03-04-1990 | 68.0 | 6.5 | 028 | DRI | | | UNK | UNK | UNC | | | | | |
| 092I.015.3.4.1 | 003 | 000000059757 | | | | 13 | 36 | 23 | | 00 | 00 | 00 | 000 | 26 | SUNSHINE VALLEY RD. | 25-07-1991 | 380.0 | 6.0 | 028 | DRI | 8.0 | GPM | 58 | UNK | UNC | 66-68 | | | | |
| 092I.015.3.4.2 | 001 | 000000059347 | 12 | | | 13 | 36 | 23 | 1022 | 00 | 00 | 00 | 000 | 26 | SUNSHINE VALLEY RD. | 02-04-1990 | 125.0 | 4.5 | 028 | DRI | 100.0 | GPM | 15 | 190 | BED | | | | | |
| 092I.015.3.4.2 | 002 | 000000060416 | 4 | | | | | | 3007 | 08 | 10 | 27 | 000 | 26 | TORGERSON RD. | 02-09-1993 | 117.0 | 0.0 | 028 | DRI | 8.0 | GPM | 80 | 63 | BED | | | | | |
| 092I.015.3.4.3 | 001 | 000000057269 | | | | 14 | 2 | 23 | | 08 | 10 | 35 | 000 | 26 | | 17-07-1987 | 194.0 | 7.0 | 028 | DRI | 15.0 | USGM | 35 | | UNC | 111-117 | | | | |
| 092I.015.3.4.3 | 002 | 000000057281 | | | | 14 | 2 | 23 | | 08 | 10 | 35 | 000 | 26 | | 20-07-1987 | 232.0 | 7.0 | 028 | DRI | | | 180 | UNK | UNC | | | | | |
| 092I.015.3.4.3 | 003 | 000000058273 | | 35582 | | 14 | 2 | 23 | 128 | 08 | 10 | 34 | 000 | 26 | SPUIS CRK ROAD | 14-07-1988 | 187.0 | 7.0 | 028 | DRI | | | 115 | UNK | UNC | | | | | |
| 092I.015.3.4.3 | 004 | 000000059242 | 2 | 9983 | | 14 | 2 | 23 | | 00 | 00 | 00 | 000 | 26 | PETIT CREEK RD. | 28-03-1990 | 197.0 | 6.5 | 028 | DRI | 20.0 | GPM | 93 | UNK | UNC | | | | | |
| 092I.015.3.4.3 | 005 | 000000059643 | | | | 14 | 2 | 23 | | 00 | 00 | 00 | 000 | 26 | PETIT CREEK RD. | 26-04-1991 | 340.0 | 6.0 | 028 | DRI | 0.5 | GPM | 110 | UNK | UNC | 193-197 | | | | |
| 092I.015.3.4.3 | 006 | 000000060286 | A | 31396 | | 14 | 2 | 23 | | 08 | 10 | 26 | 000 | 26 | PETIT CREEK RD. | 21-04-1993 | 137.0 | 6.0 | 028 | DRI | 100.0 | USGM | 195 | 70 | BED | | | | | |
| 092I.015.3.4.4 | 001 | 000000053566 | | 31681 | | | | | 1022 | 08 | 10 | 27 | 001 | 26 | SPENCES BRIDGE | 30-04-1984 | 196.0 | 8.0 | 057 | DRI | 100.0 | USGM | 90 | | UNC | 131-137 | | | | |
| 092I.015.3.4.4 | 002 | 000000057236 | | | | | | | 1022 | 08 | 10 | 27 | 000 | 26 | SPRING VALLEY ROAD | 06-07-1987 | 81.0 | 6.0 | 111 | UNK | | | 17 | UNK | UNC | | | | | |
| 092I.015.3.4.4 | 003 | 000000017383 | | | | | | | 4101 | 08 | 10 | 26 | 003 | 26 | | 01-01-1962 | 65.0 | 0.0 | UNK | DRI | | | UNK | 13 | BED | | | | | |
| 092I.015.3.4.4 | 004 | 000000057253 | | 81111 | | | | | 1022 | 08 | 10 | 26 | 000 | 26 | SUNSHINE VALLEY ROAD | 13-07-1987 | 180.0 | 7.0 | 028 | DRI | | | | UNK | UNC | | | | | |
| 092I.015.3.4.4 | 005 | 000000057979 | | 81111 | | | | | 1022 | 08 | 10 | 26 | 000 | 26 | SUNSHINE VALLEY ROAD | 22-03-1988 | 224.0 | 7.0 | 028 | DRI | 10.0 | GPM | 30 | 17 | BED | | | | | |
| 092I.015.3.4.4 | 006 | 000000053501 | 8 | 81111 | | | | | 1022 | 00 | 00 | 00 | 000 | 26 | SUNSHINE VALLEY ROAD | 30-04-1984 | 203.0 | 8.0 | 057 | DRI | 700.0 | GPM | 80 | UNK | UNC | 220-224 | | | | |
| 092I.015.3.4.4 | 007 | 000000057105 | 1 | 31681 | | 14 | 1 | 23 | 1022 | 08 | 10 | 34 | 000 | 26 | SUNSHINE VALLEY ROAD | 29-05-1987 | 37.0 | 7.0 | 028 | DRI | | | 17 | UNK | UNC | 181-196 | | | | |
| 092I.015.3.4.4 | 008 | 000000061359 | LB4 | | | 14 | 4 | 22 | | 00 | 00 | 00 | 000 | 26 | SUNSHINE VALLEY RD | 26-08-0094 | 58.0 | 6.0 | 028 | DRI | 100.0 | GPM | 4 | UNK | UNC | 33-37 | | | | |
| 092I.015.4.2.1 | 001 | 000000040284 | 16 | | | 14 | 2 | 23 | | 08 | 10 | 34 | 000 | 26 | PETIT CREEK RD. | 20-06-1993 | 158.0 | 0.0 | 028 | DRI | 20.0 | USGM | 70 | | UNC | 133-138 | | | | |
| 092I.015.4.3.2 | 001 | 000000057258 | | 9423 | | | | | 128 | 08 | 10 | 34 | 000 | 26 | | 15-07-1987 | 28.0 | 7.0 | 028 | DRI | 40.0 | GPM | 32 | UNK | UNC | 24-28 | | | | |
| 092I.015.4.3.3 | 002 | 000000057589 | | 41461 | | 14 | 32 | 23 | 128 | 08 | 10 | 34 | 000 | 26 | | 15-10-1987 | 57.0 | 7.0 | 028 | DRI | 40.0 | GPM | 35 | UNK | UNC | 53-57 | | | | |
| 092I.015.4.4.4 | 001 | 000000058101 | | | | | | | | 07 | 10 | 10 | 000 | 26 | SHACKELLY RD | 02-05-1988 | 58.0 | 7.0 | 028 | DRI | | | 35 | UNK | UNC | 54-58 | | | | |

3C9

---------- END OF REPORT WELL4600 ----------

| | | | | | |
|---|---|---|---|---|---|
| 15 | Shuouchten | Kamloops district, on the right bank of the Thompson, in sections 13, 14, township 15, range 26, west of 6th meridian. | " | 10·50 | 20 inches of water recorded from Shuouchten creek. The Nicomen reserves are within the railway belt. Nos. 1 to 13 were allotted by Commissioner Sproat, July 13, 1878. Nos. 14 and 15 were reserved by Dominion Order in Council, December 2, 1895. The reserves were surveyed in 1879 and 1886. |
| 1 | Nicola Mamcet | Kamloops district, near the confluence of the Nicola river and Guichon creek. | Nicola (Lower) | 11,350·00 | 300 inches of water recorded from Mamcet river. Allotted by Commissioner Sproat, Sept. 5, 1878. |
| 2 | Joeyaaka | Kamloops district, in section 11, township 91. | " | 320·00 | Allotted by Commissioner Sproat, Sept. 11, 1878. |
| 3 | Pipseul | Kamloops district, about six miles north of Mamcet lake in township 17, range 21, west of 6th meridian. | " | 220·00 | Allotted by Commissioner Sproat, Sept. 5, 1878. 50 inches of water recorded from Pipseul creek. In railway belt. |
| 4 | Zoht No. 1 | Kamloops district, near the foot of Nicola lake, in township 94. | " | 500·00 | Allotted by Commissioner Sproat, Sept. 10, 1878. 50 inches of water recorded from Clapperton creek. |
| 5 | Zoht No. 2 | Kamloops district, in section 36, township 94; also known as lot 716, group 1, Yale district. | " | 160·00 | The old Zoht reserve surrendered to the Provincial Government by Dominion Order in Council of May 16, 1899, in exchange for lot 716, group 1, Yale district. Approved, June 22, 1899. |
| 6 | Logan's | Kamloops district, on Hamilton creek, (a tributary to the Nicola lake) twelve miles from its mouth. | " | 45·00 | Allotted by Commissioner Sproat, Sept. 12, 1878. |
| 7 | Hamilton Creek | Kamloops district, on the banks of Hamilton creek, seven miles from its mouth. | " | 4,400·00 | Allotted by Commissioner Sproat, Sept. 12, 1878. 100 inches of water recorded from Teenamilat creek; 200 inches from Hamilton creek. |
| 8 | Spcous | Kamloops district, one mile southeast of the junction of the Nicola and Spcous rivers, in townships 87 and 90. | " | 280·00 | 100 inches of water recorded from Chiuppalat creek; 100 inches from Nunitch creek and 100 inches from Hanuhuwiwihl creek. Allotted by Commissioner Sproat, July 23, 1879. |
| NOOAITCH BAND 9 | Nooaitch Grass | Kamloops district, one mile and a half east of the Nicola river about twenty-five miles from its mouth, partly in townships 14 and 15, range 22, west of 6th meridian. | " | 1,960·00 | In the railway belt. Allotted by Commissioner Sproat, Aug. 20, 1878. |
| NOOAITCH BAND 10 | Nooaitch | Kamloops district, on the banks of the Nicola river about twenty miles from its mouth, in townships 14, 15, ranges 22, 23, west of 6th meridian. | " | 2,310·00 | In the railway belt. 50 inches of water from Nicola river with all the water from a stream running through the reserve. Allotted by Commissioner Sproat, Aug. 20, 1878. |
| SHACKAN BAND 11 | Shackan | Kamloops district, on the banks of the Nicola river about twelve miles from its mouth, in townships 15, 16, ranges 23, 24, west of 6th meridian. | " | 6,470·00 | In the railway belt. 100 inches of water recorded from Nikikuaul creek; 200 inches from Shhahnnih creek; 100 inches from Zaactum creek; 200 inches from Papsilqua creek. Allotted by Commissioner Sproat, Aug. 20, 1878. |
| SHACKAN BAND 12 | Soldatquo | Kamloops district, in township 16, range 23, west of 6th meridian. | " | 2,440·00 | 50 inches of water recorded from Lukatcheen creek; 50 inches from Soldatquo creek. In the railway belt. Allotted by Commissioner Sproat, Aug. 20, 1878. |
| SHACKAN BAND 13 | Papsilqua | Kamloops district, on Papsilqua creek, in sections 12, 13, township 16, range 23, west of 6th meridian. | " | 730·00 | 100 inches of water recorded from Papsilqua creek. In the railway belt. Allotted by Commissioner Sproat, Aug. 20, 1878. |

The lower Nicola reserves were surveyed in 1879.




# Nooaitch

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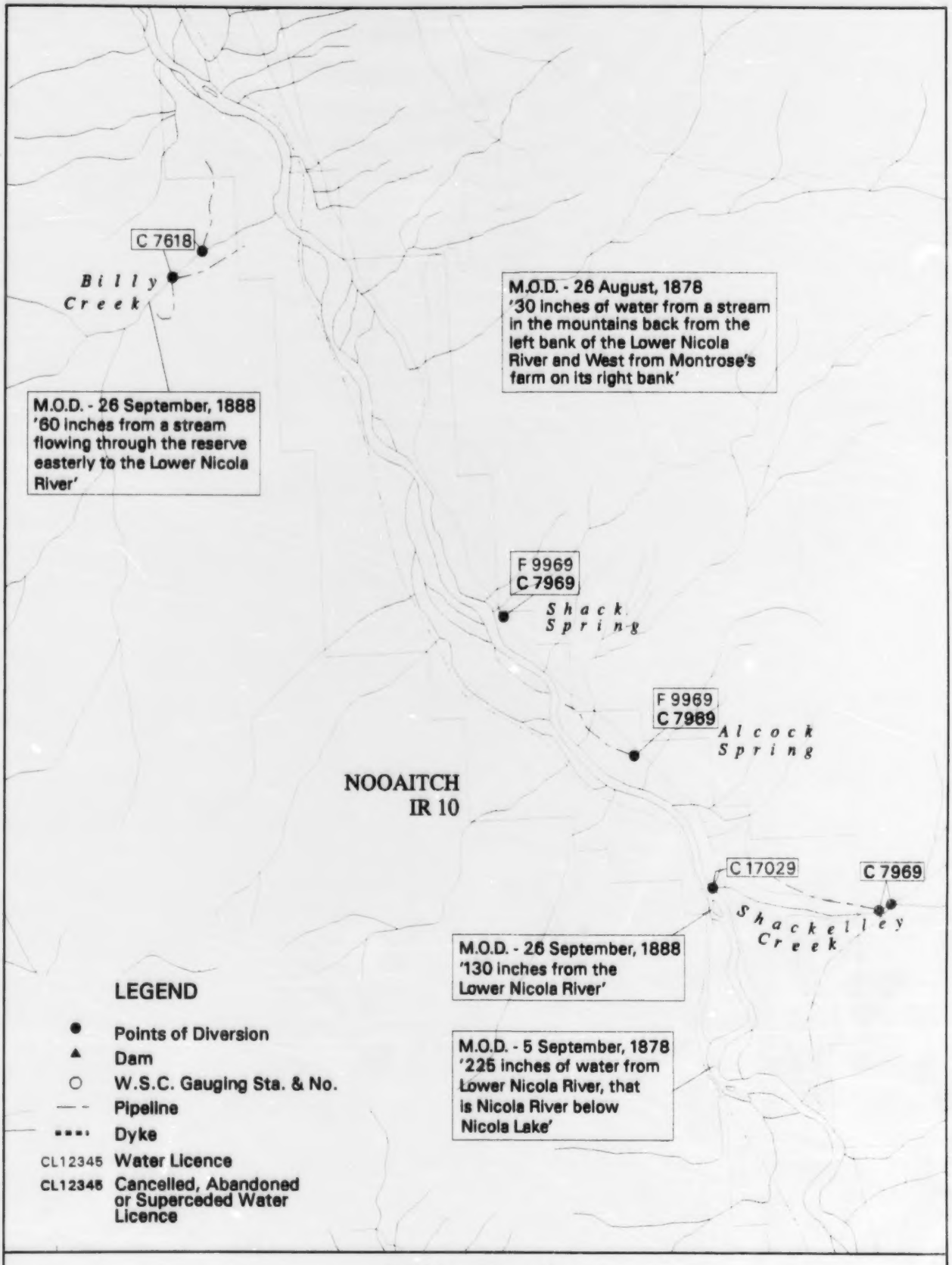

C 7618
Billy Creek
M.O.D. - 26 August, 1878
'30 inches of water from a stream in the mountains back from the left bank of the Lower Nicola River and West from Montrose's farm on its right bank'
M.O.D. - 26 September, 1888
'60 inches from a stream flowing through the reserve easterly to the Lower Nicola River'
F 9969
C 7969
Shack Spring
F 9969
C 7969
Alcock Spring
NOOAITCH
IR 10
C 17029
C 7969
Shackelley Creek
M.O.D. - 26 September, 1888
'130 inches from the Lower Nicola River'
M.O.D. - 5 September, 1878
'225 inches of water from Lower Nicola River, that is Nicola River below Nicola Lake'
LEGEND
Points of Diversion
Dam
W.S.C. Gauging Sta. & No.
Pipeline
Dyke
CL12345 Water Licence
CL12345 Cancelled, Abandoned or Superceded Water Licence

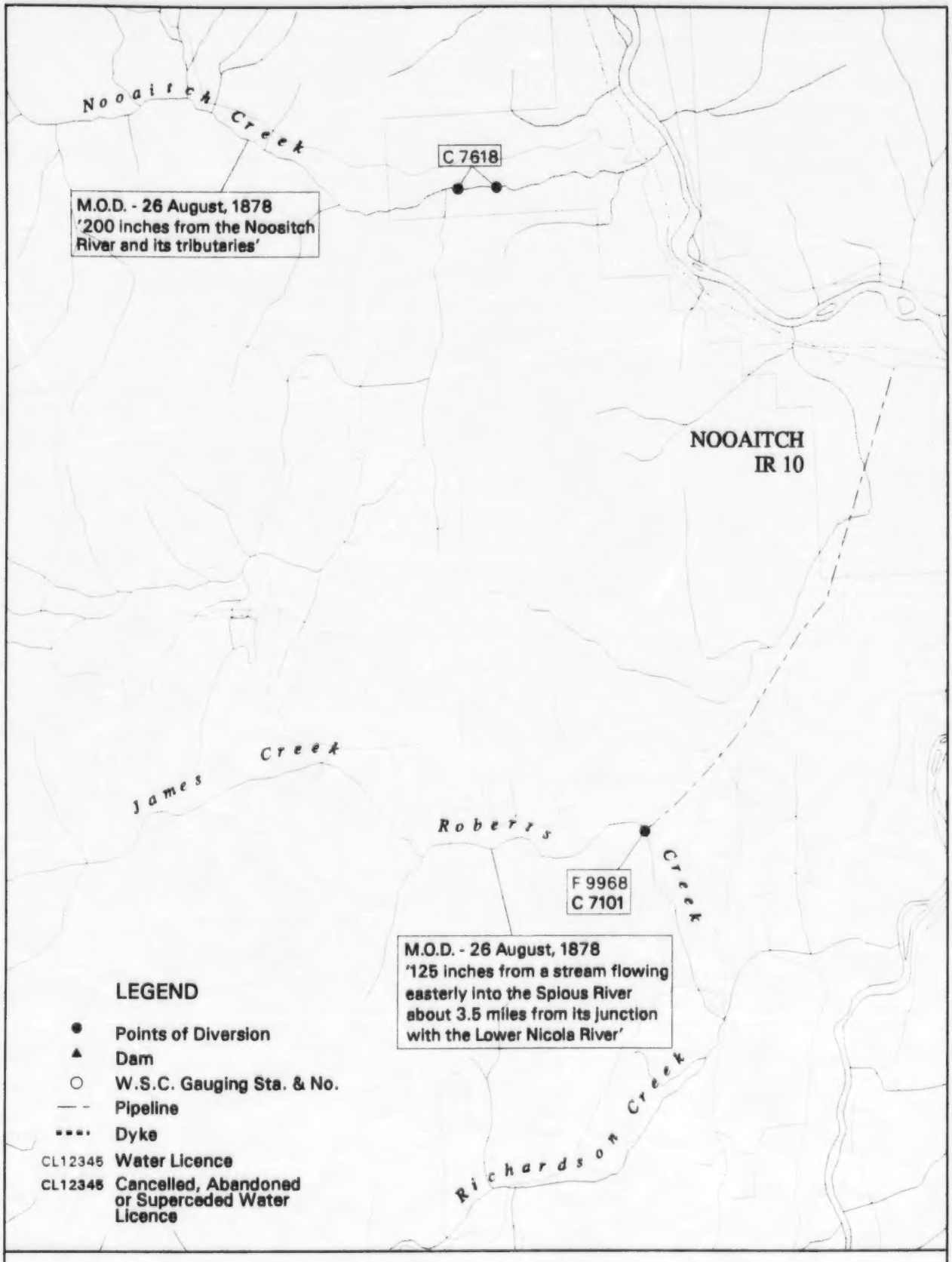
# Billy Creek

Scale 1:30,000

Ministry of Environment, Lands & Parks

Date: March 25, 2000

Environment & Lands Division




# Roberts Creek

Scale 1:30,000

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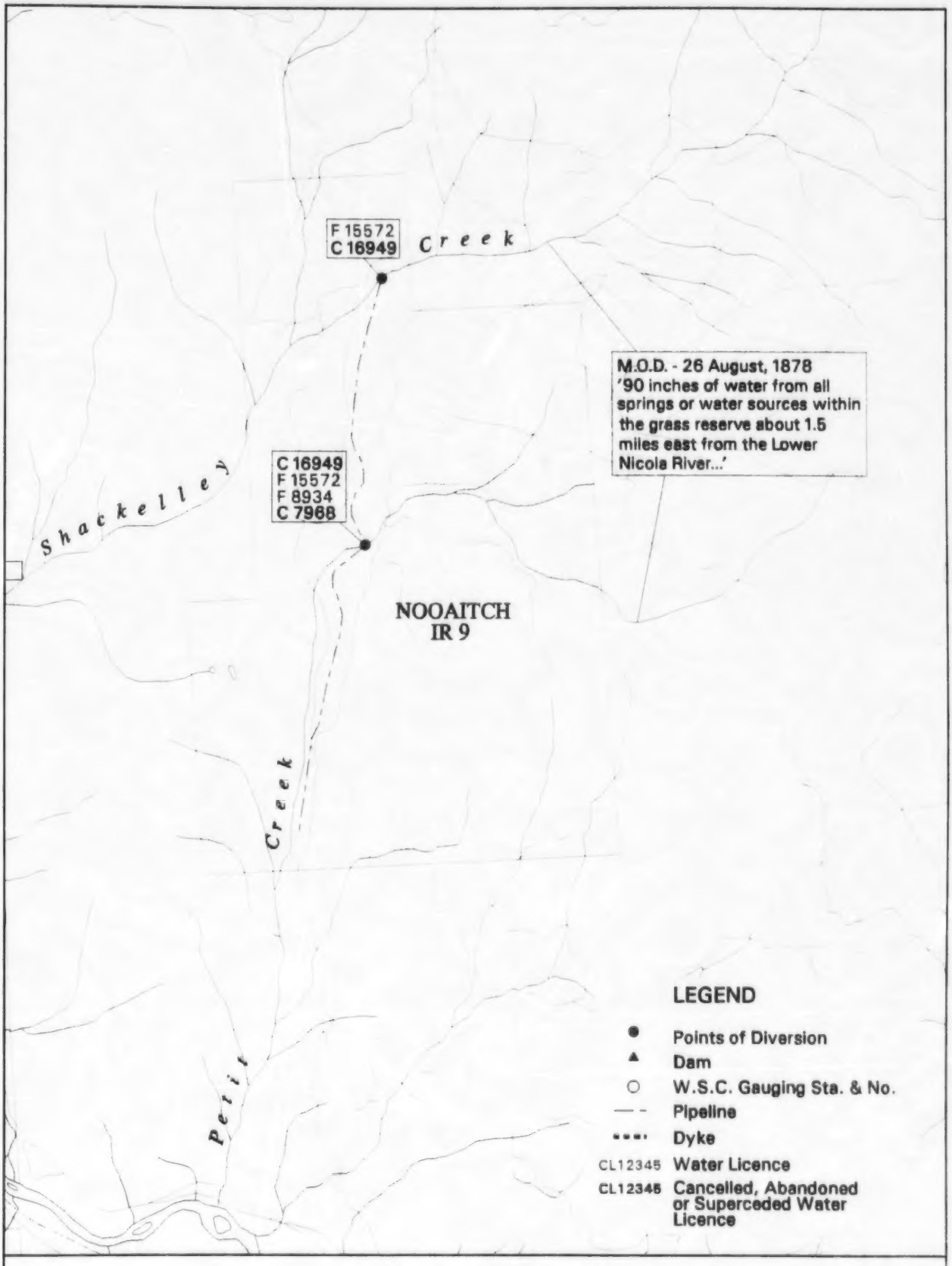


# Petit Creek

Scale 1:30,000

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